

Data Path : Z:\HPCHEM1\BNA E\DATA\BE041216\
 Data File : BE091649.D
 Acq On : 12 Apr 2016 13:58
 Operator : UM/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Apr 13 01:21:31 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE040816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 08 16:48:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	45863	5.00	ng	-0.02
7) Naphthalene-d8	10.57	136	224398	5.00	ng	-0.02
13) Acenaphthene-d10	14.42	164	137561	5.00	ng	0.00
19) Phenanthrene-d10	17.16	188	352934	5.00	ng	0.00
26) Chrysene-d12	21.31	240	436316	5.00	ng	0.00
35) Perylene-d12	23.76	264	361673	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	3986	0.36	ng	-0.02
5) Phenol-d6	6.97	99	5279	0.36	ng	0.00
8) Nitrobenzene-d5	8.96	82	4647	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.90	330	1317m	0.50	ng	-0.01
15) 2-Fluorobiphenyl	13.05	172	14987	0.39	ng	0.00
29) Terphenyl-d14	19.76	244	21613	0.40	ng	0.00

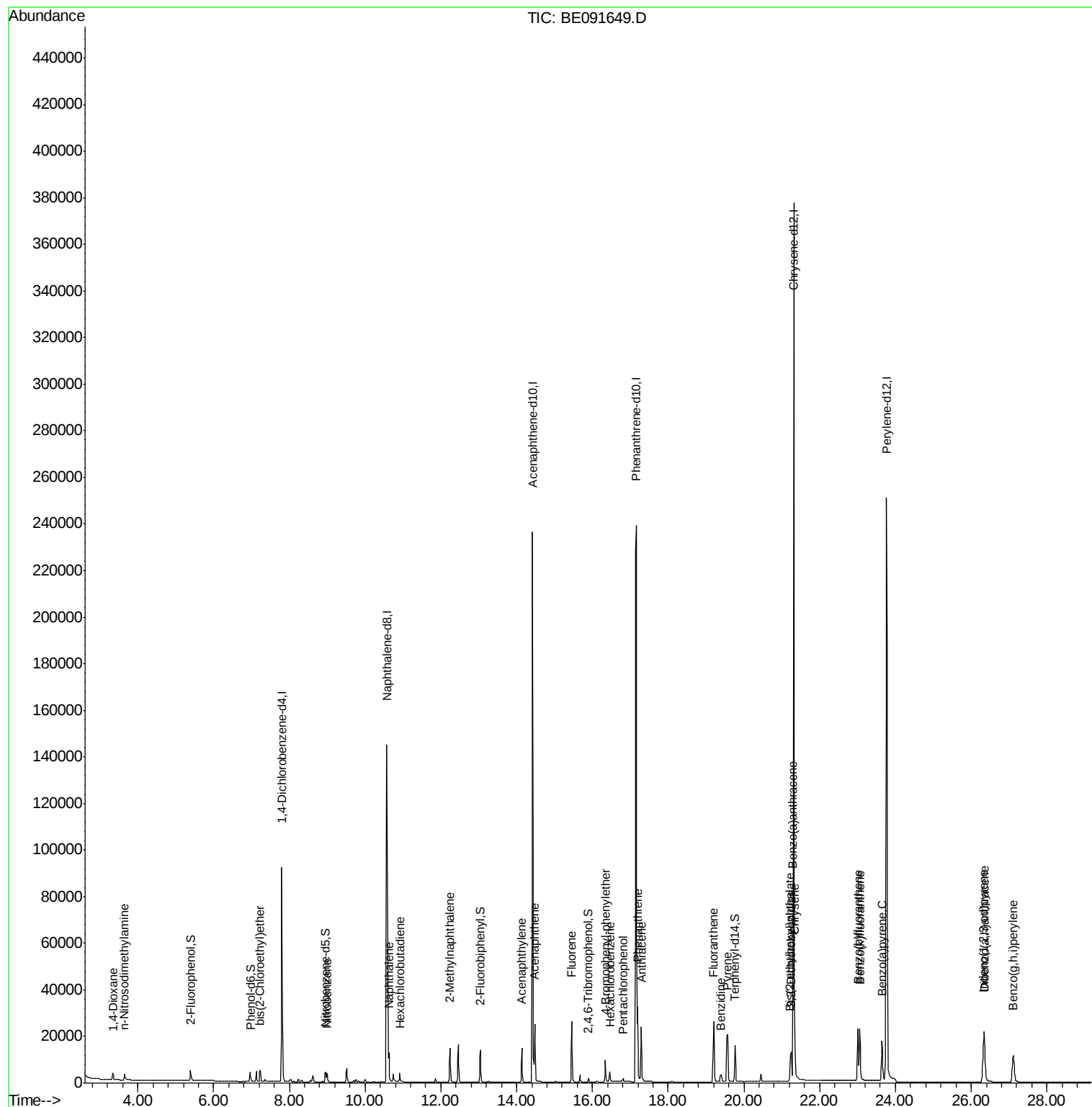
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.35	88	1929m	0.30	ng	
3) n-Nitrosodimethylamine	3.64	42	2729	0.39	ng	# 89
6) bis(2-Chloroethyl)ether	7.23	93	4856	0.38	ng	# 76
9) Nitrobenzene	8.99	77	4776	0.45	ng	98
10) Naphthalene	10.63	128	18047	0.39	ng	97
11) Hexachlorobutadiene	10.92	225	2661m	0.39	ng	
12) 2-Methylnaphthalene	12.24	142	11447	0.39	ng	98
16) Acenaphthylene	14.14	152	20001	0.37	ng	# 78
17) Acenaphthene	14.47	154	13950	0.41	ng	92
18) Fluorene	15.46	166	16630	0.39	ng	99
20) 4-Bromophenyl-phenylether	16.34	248	4916	0.39	ng	96
21) Hexachlorobenzene	16.46	284	5119	0.40	ng	99
22) Pentachlorophenol	16.81	266	1510	0.44	ng	93
23) Phenanthrene	17.19	178	32294	0.40	ng	99
24) Anthracene	17.29	178	28048	0.39	ng	99
25) Fluoranthene	19.21	202	30821	0.36	ng	98
27) Benzidine	19.38	184	8167	0.51	ng	# 79
28) Pyrene	19.57	202	32039	0.37	ng	100
30) Benzo(a)anthracene	21.29	228	37912m	0.39	ng	
31) 3,3'-Dichlorobenzidine	21.24	252	14535	0.36	ng	# 81
32) Chrysene	21.34	228	36212m	0.41	ng	
33) Bis(2-ethylhexyl)phthalate	21.22	149	8086	0.37	ng	# 82
34) Indeno(1,2,3-cd)pyrene	26.33	276	34615	0.35	ng	96
36) Benzo(b)fluoranthene	23.01	252	33399	0.40	ng	96
37) Benzo(k)fluoranthene	23.06	252	31536m	0.38	ng	
38) Benzo(a)pyrene	23.65	252	28332	0.36	ng	98
39) Dibenzo(a,h)anthracene	26.35	278	29007	0.38	ng	96
40) Benzo(g,h,i)perylene	27.12	276	29078	0.37	ng	95

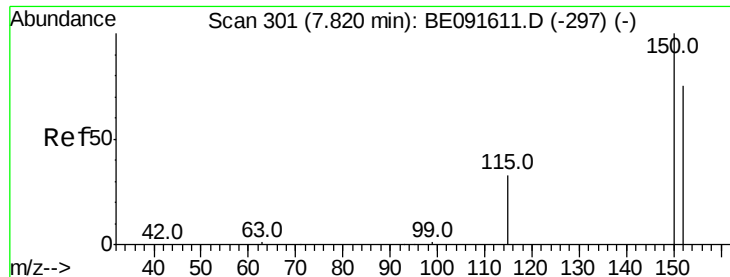
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.80 min Scan# 300

Delta R.T. -0.02 min

Lab File: BE091649.D

Acq: 12 Apr 2016 13:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

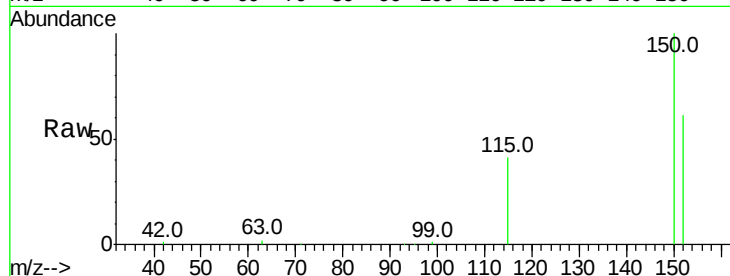
Tot Ion:152 Resp: 45863

Ion Ratio Lower Upper

152 100

150 162.6 122.6 183.8

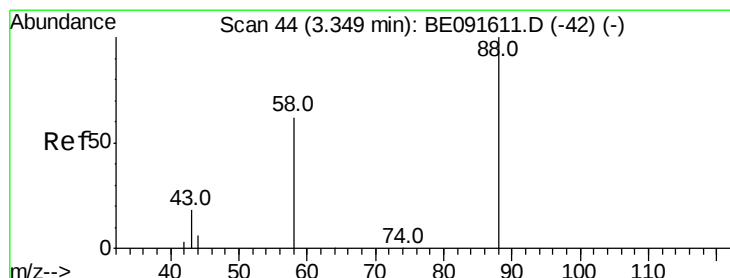
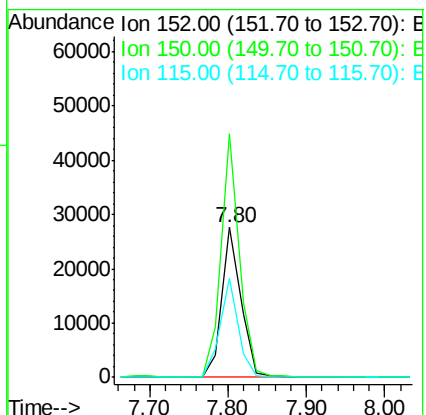
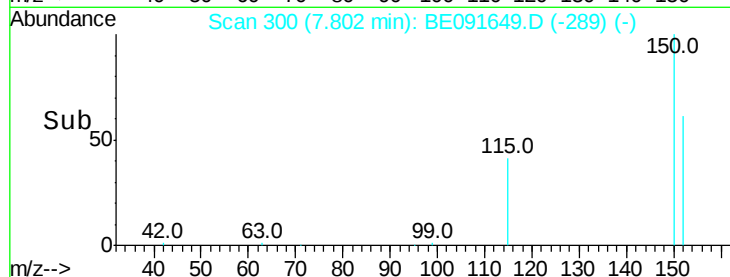
115 66.1 52.8 79.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.30 ng m

RT: 3.35 min Scan# 44

Delta R.T. 0.00 min

Lab File: BE091649.D

Acq: 12 Apr 2016 13:58

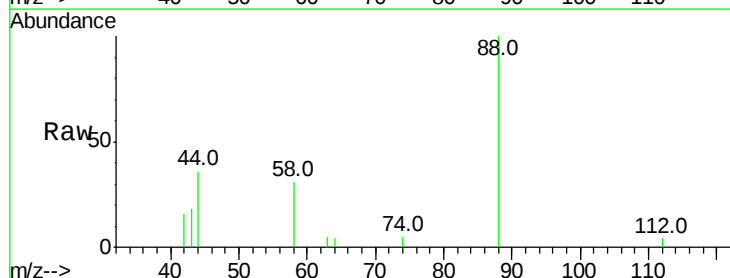
Tgt Ion: 88 Resp: 1929

Ion Ratio Lower Upper

88 100

58 93.2 65.8 98.6

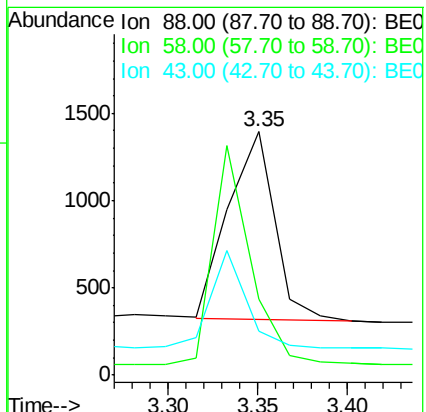
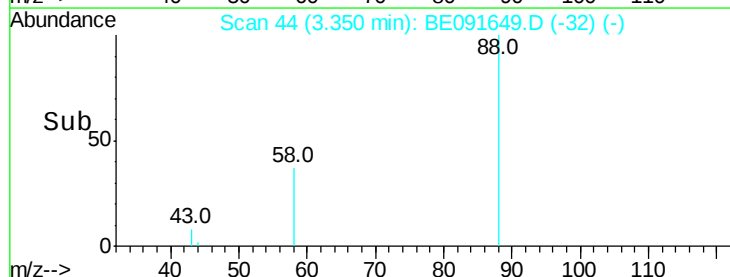
43 42.9 25.3 37.9#

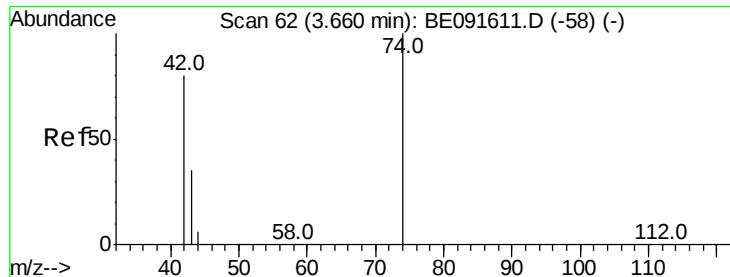


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.39 ng

RT: 3.64 min Scan# 61

Delta R.T. -0.02 min

Lab File: BE091649.D

Acq: 12 Apr 2016 13:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

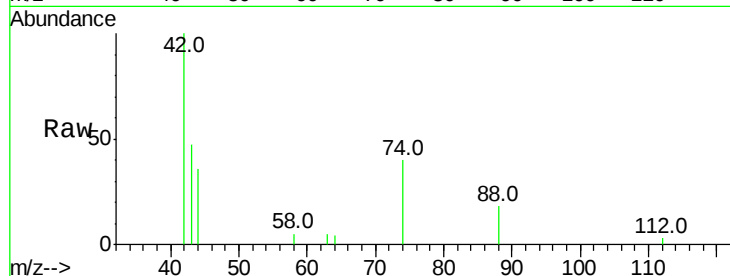
Tot Ion: 42 Resp: 2729

Ion Ratio Lower Upper

42 100

74 98.6 87.9 131.9

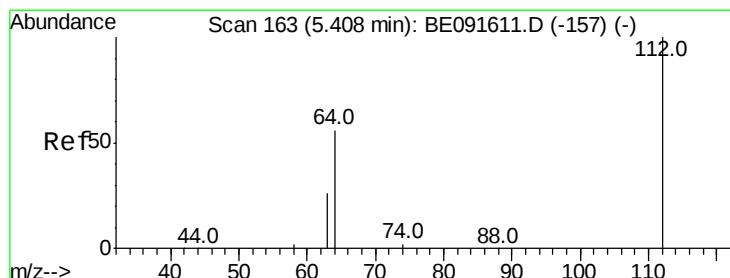
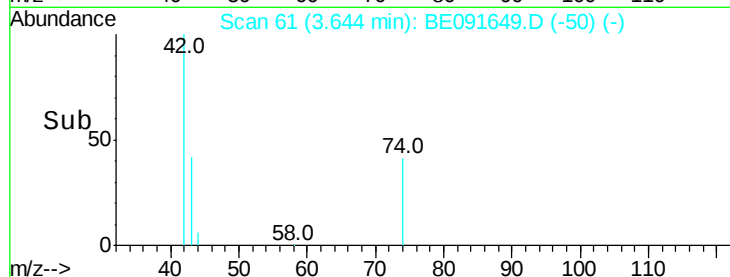
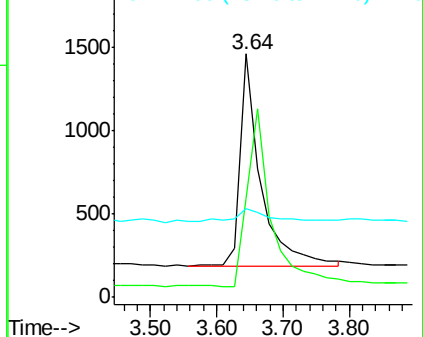
44 12.6 6.6 9.8#



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.36 ng

RT: 5.39 min Scan# 162

Delta R.T. -0.02 min

Lab File: BE091649.D

Acq: 12 Apr 2016 13:58

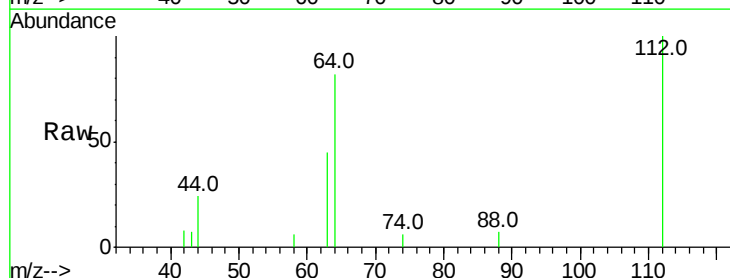
Tgt Ion: 112 Resp: 3986

Ion Ratio Lower Upper

112 100

64 68.3 30.9 46.3#

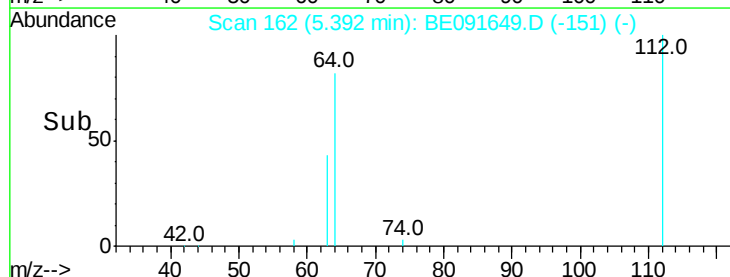
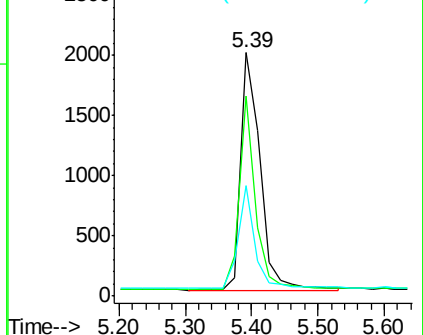
63 37.0 16.7 25.1#

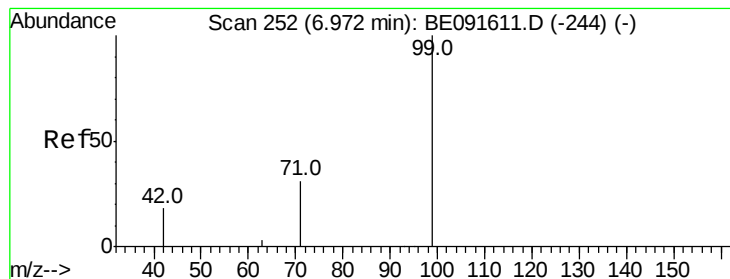


Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.36 ng

RT: 6.97 min Scan# 252

Delta R.T. -0.00 min

Lab File: BE091649.D

Acq: 12 Apr 2016 13:58

Instrument :

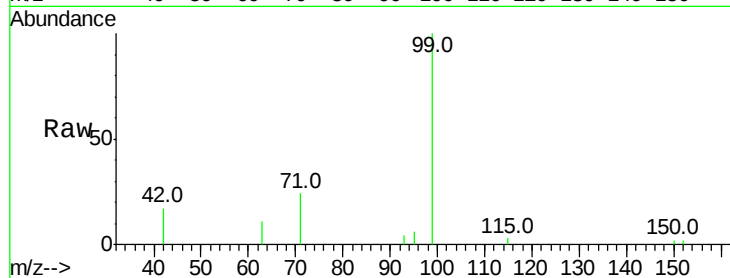
BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion: 99 Resp: 5279

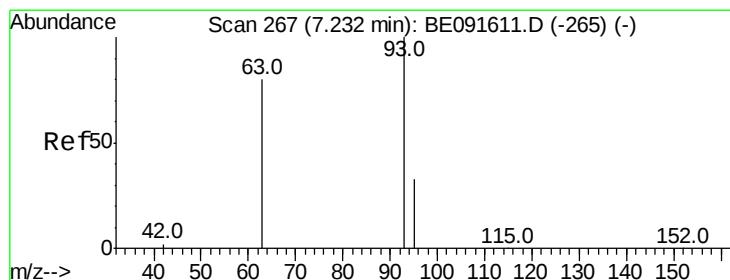
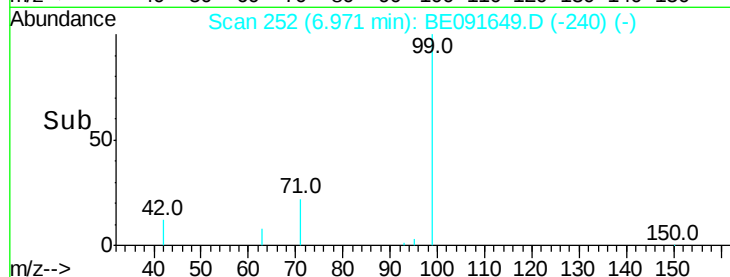
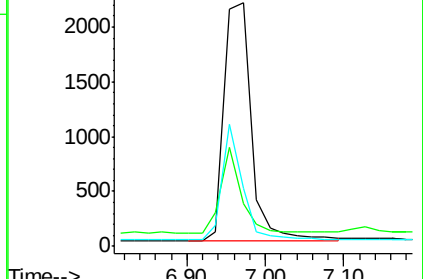
Ion	Ratio	Lower	Upper
99	100		
42	26.5	16.2	24.2#
71	36.7	29.0	43.4



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.38 ng

RT: 7.23 min Scan# 267

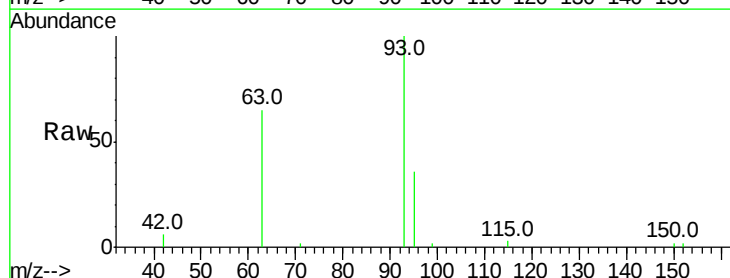
Delta R.T. -0.00 min

Lab File: BE091649.D

Acq: 12 Apr 2016 13:58

Tgt Ion: 93 Resp: 4856

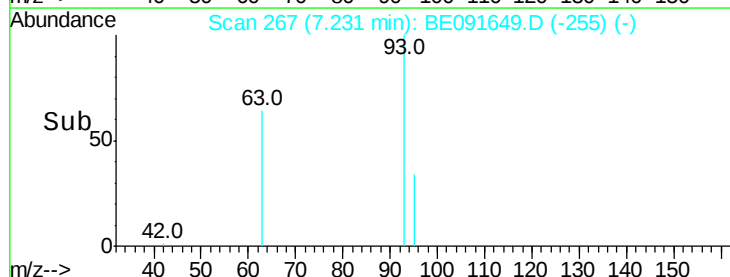
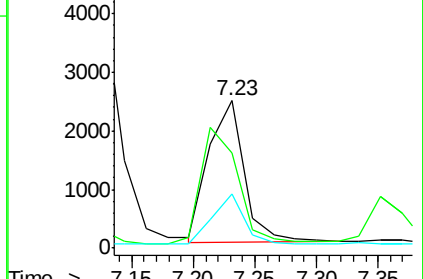
Ion	Ratio	Lower	Upper
93	100		
63	85.7	49.5	74.3#
95	32.1	22.2	33.4

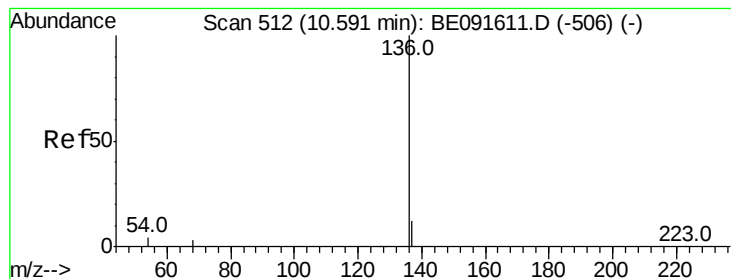


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.57 min Scan# 511

Delta R.T. -0.02 min

Lab File: BE091649.D

Acq: 12 Apr 2016 13:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 224398

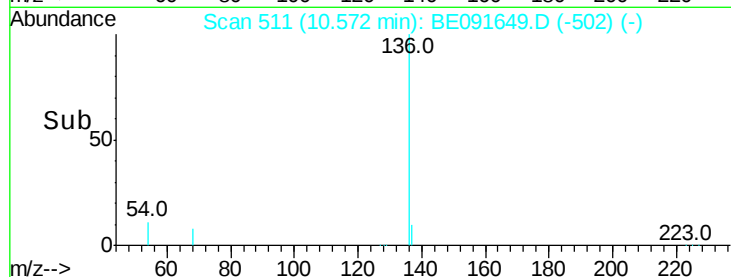
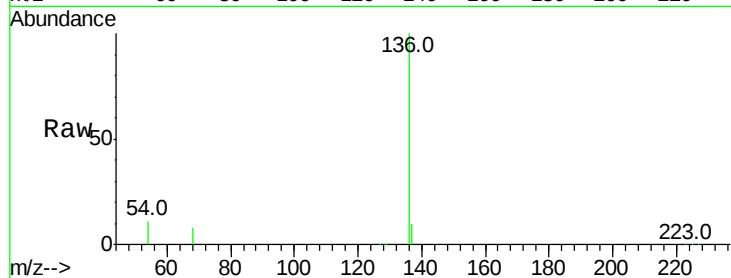
Ion Ratio Lower Upper

136 100

137 10.2 8.9 13.3

54 11.5 8.2 12.4

68 7.8 6.2 9.4

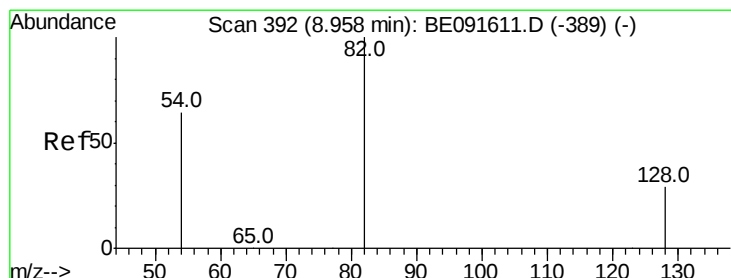
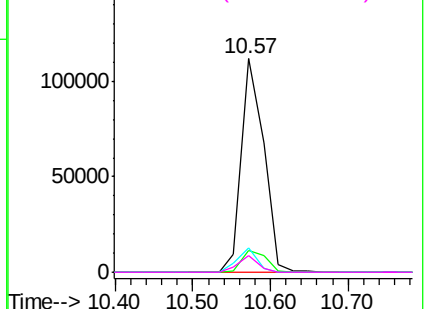


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.36 ng

RT: 8.96 min Scan# 392

Delta R.T. -0.00 min

Lab File: BE091649.D

Acq: 12 Apr 2016 13:58

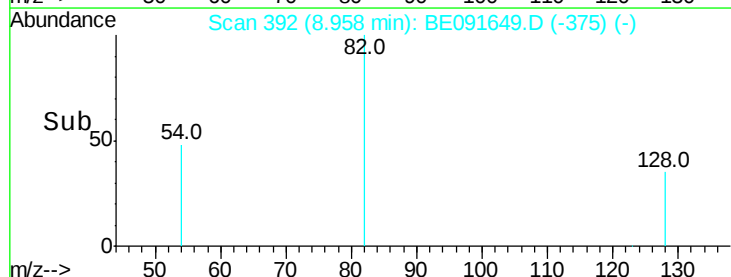
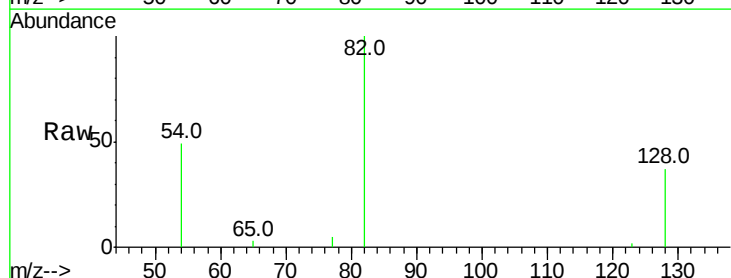
Tgt Ion: 82 Resp: 4647

Ion Ratio Lower Upper

82 100

128 36.6 25.4 38.0

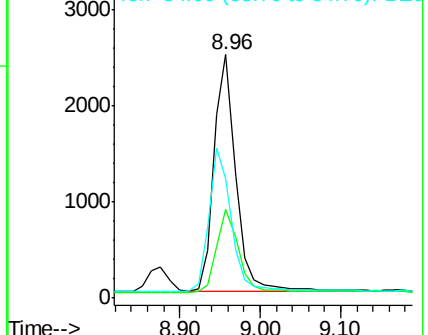
54 49.3 48.4 72.6

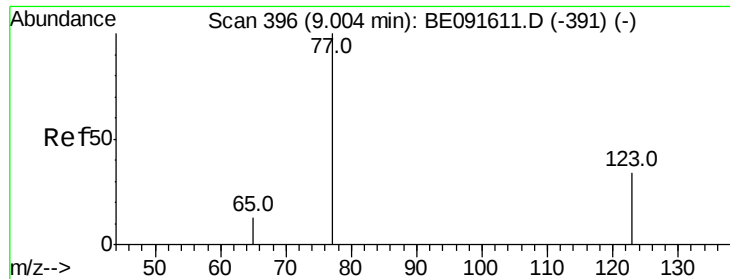


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Nitrobenzene

Concen: 0.45 ng

RT: 8.99 min Scan# 395

Delta R.T. -0.01 min

Lab File: BE091649.D

Acq: 12 Apr 2016 13:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

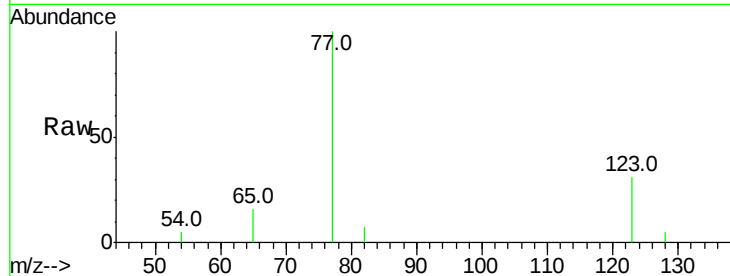
Tot Ion: 77 Resp: 4776

Ion Ratio Lower Upper

77 100

123 34.9 26.9 40.3

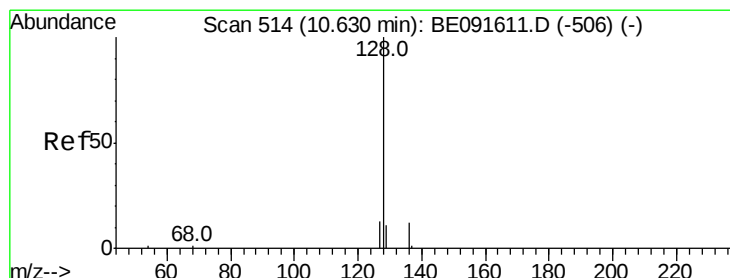
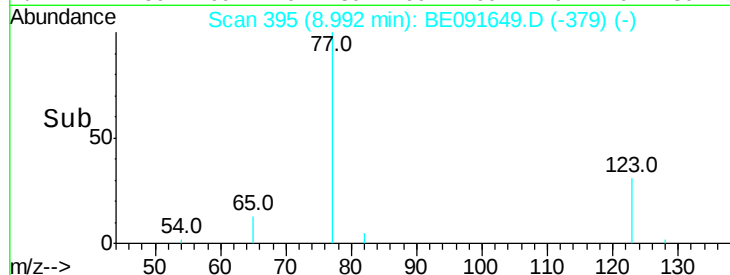
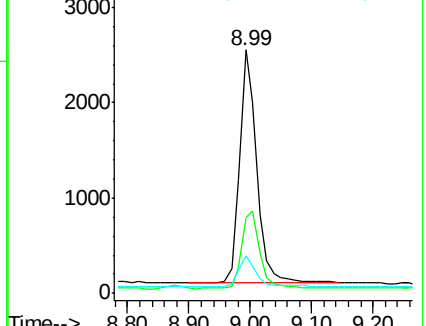
65 12.9 9.4 14.2



Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0



#10

Naphthalene

Concen: 0.39 ng

RT: 10.63 min Scan# 514

Delta R.T. -0.00 min

Lab File: BE091649.D

Acq: 12 Apr 2016 13:58

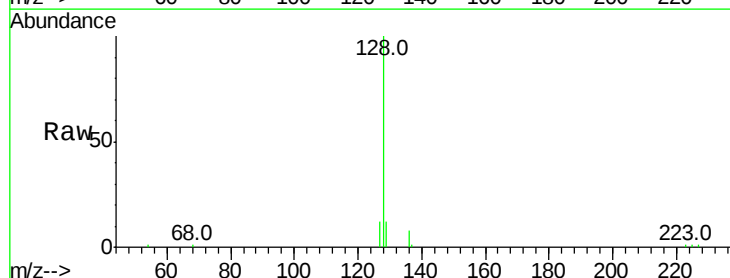
Tgt Ion: 128 Resp: 18047

Ion Ratio Lower Upper

128 100

129 12.3 9.3 13.9

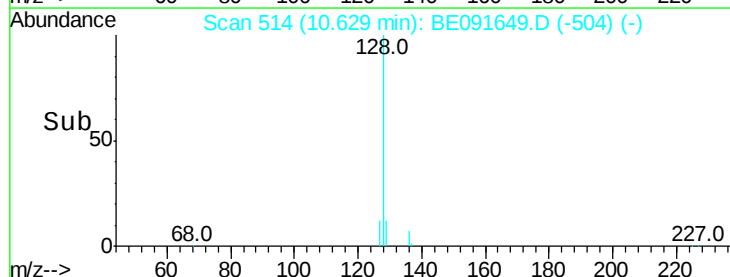
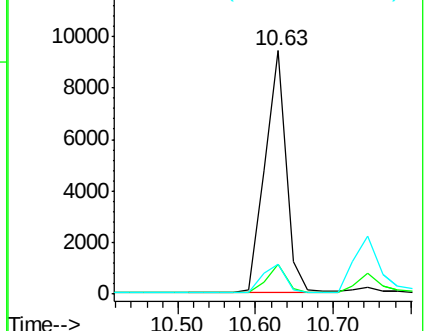
127 12.1 10.7 16.1

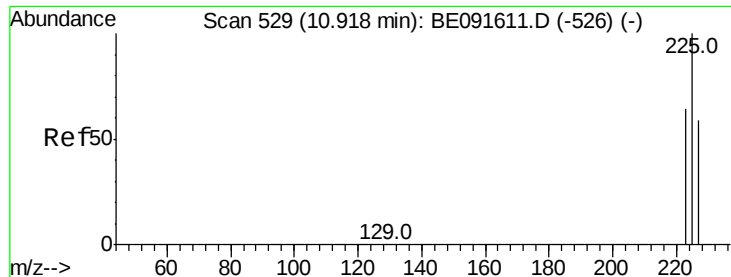


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

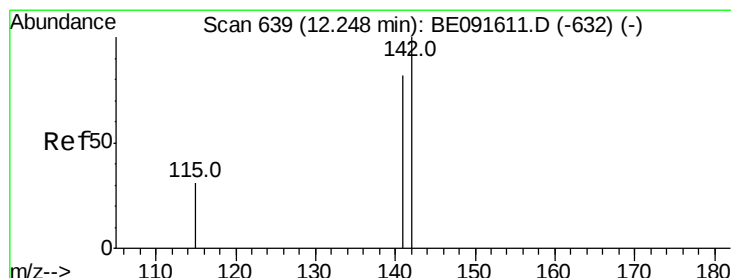
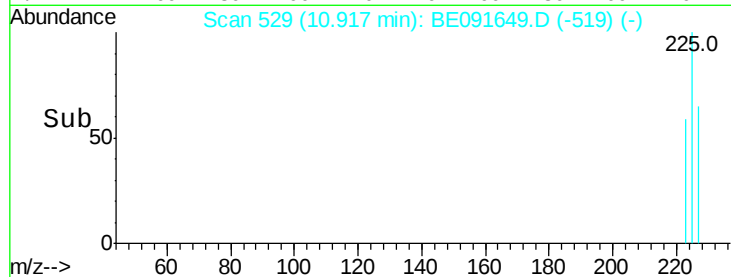
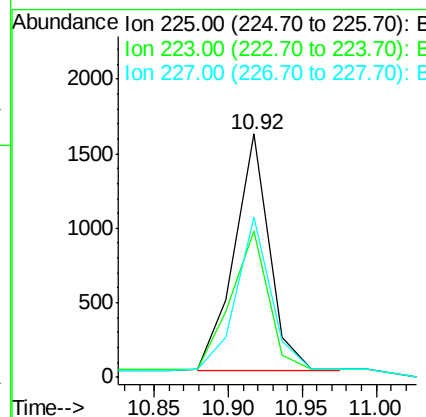
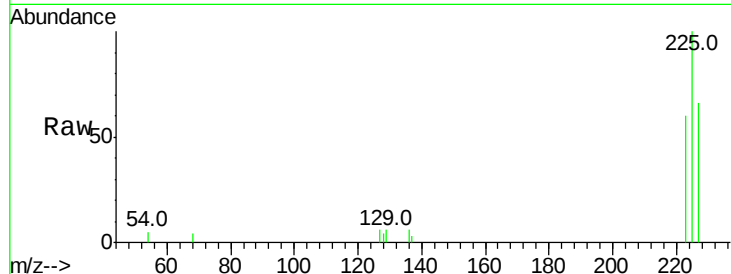




#11
Hexachlorobutadiene
Concen: 0.39 ng m
RT: 10.92 min Scan# 529
Delta R.T. -0.00 min
Lab File: BE091649.D
Acq: 12 Apr 2016 13:58

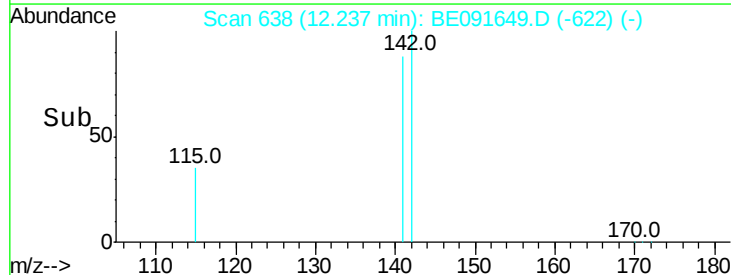
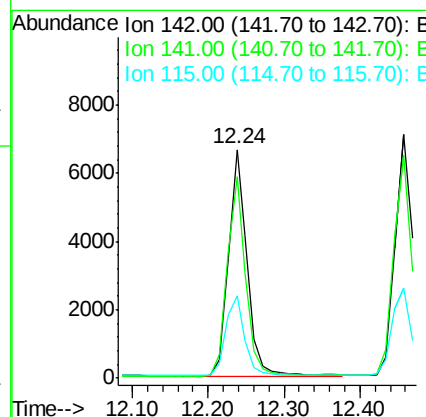
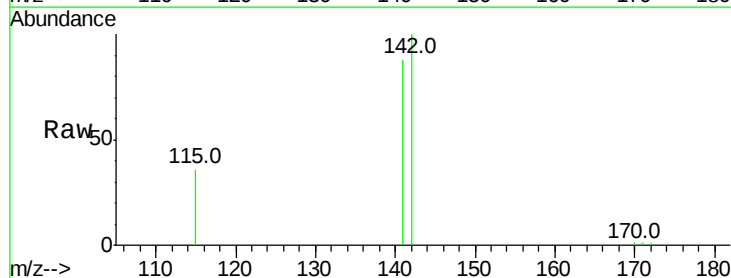
Instrument :
BNA_E
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SSTDCCC0.4EC

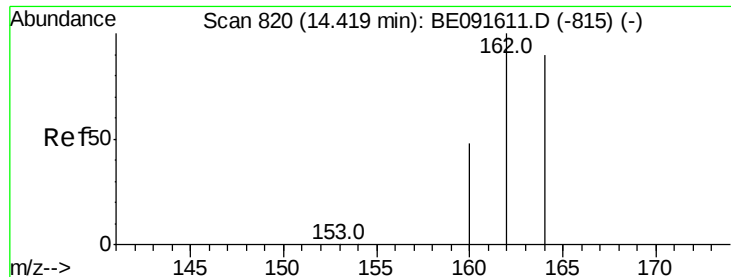
Tot Ion:225 Resp: 2661
Ion Ratio Lower Upper
225 100
223 88.0 49.0 73.6#
227 89.0 50.3 75.5#



#12
2-Methylnaphthalene
Concen: 0.39 ng
RT: 12.24 min Scan# 638
Delta R.T. -0.01 min
Lab File: BE091649.D
Acq: 12 Apr 2016 13:58

Tgt Ion:142 Resp: 11447
Ion Ratio Lower Upper
142 100
141 88.3 71.4 107.0
115 36.1 30.3 45.5





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.42 min Scan# 820

Delta R.T. -0.00 min

Lab File: BE091649.D

Acq: 12 Apr 2016 13:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

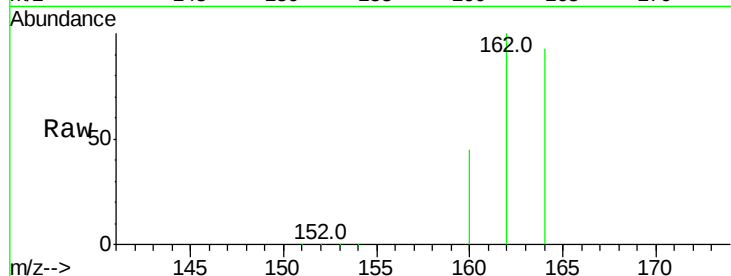
Tot Ion:164 Resp: 137561

Ion Ratio Lower Upper

164 100

162 107.0 85.3 127.9

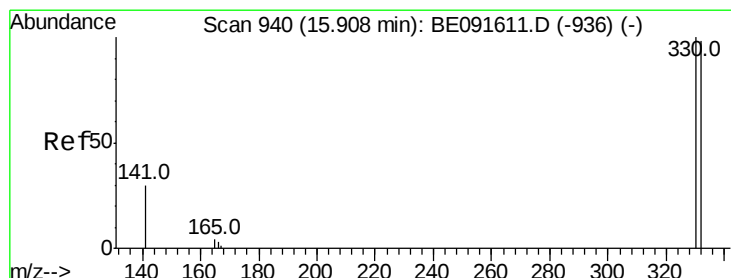
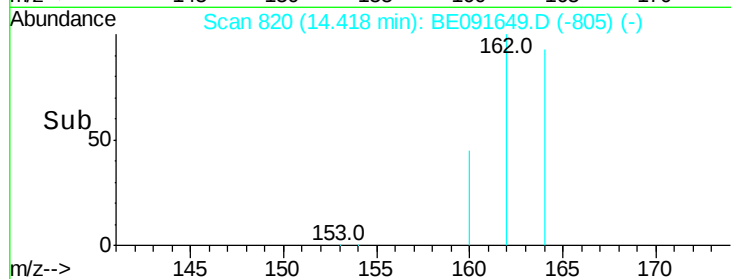
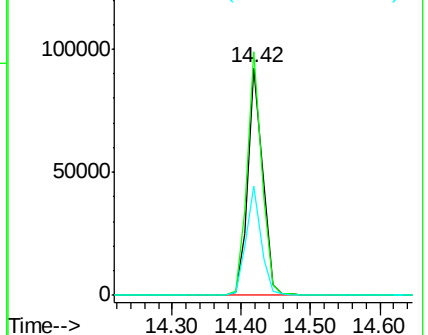
160 48.2 46.2 69.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.50 ng m

RT: 15.90 min Scan# 939

Delta R.T. -0.01 min

Lab File: BE091649.D

Acq: 12 Apr 2016 13:58

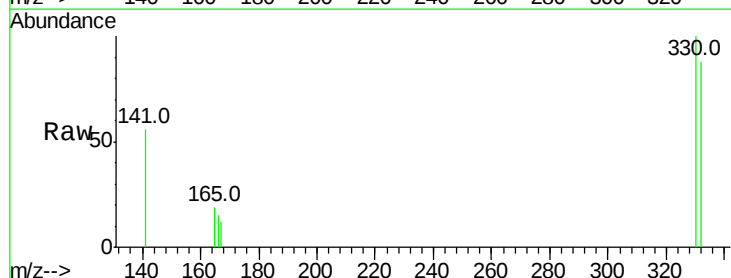
Tgt Ion:330 Resp: 1317

Ion Ratio Lower Upper

330 100

332 143.4 79.1 118.7#

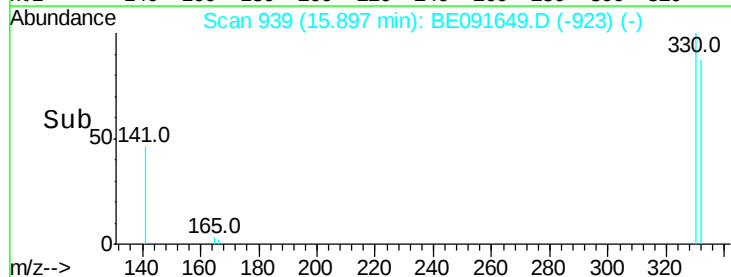
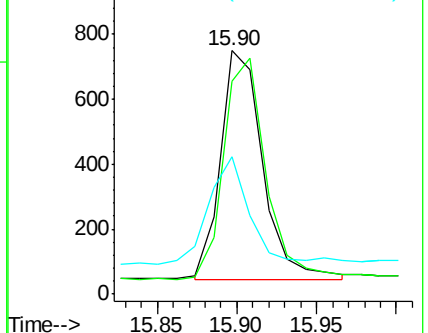
141 45.3 125.4 188.0#

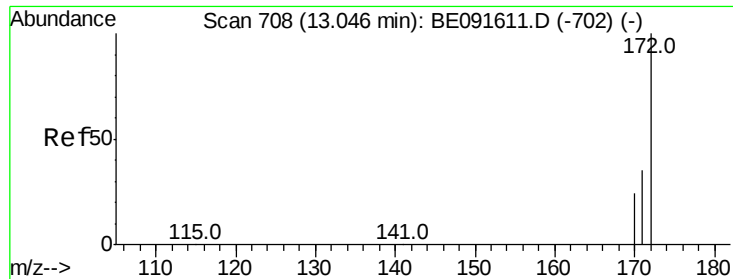


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

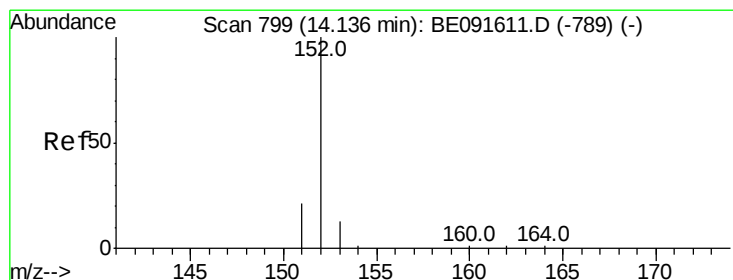
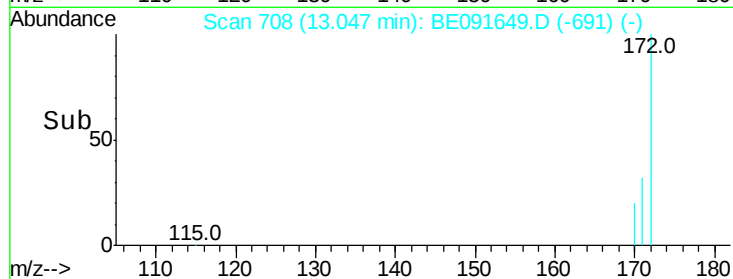
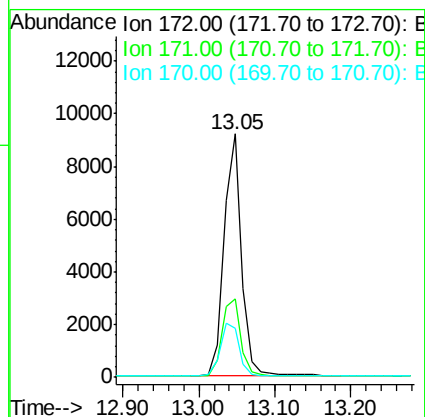
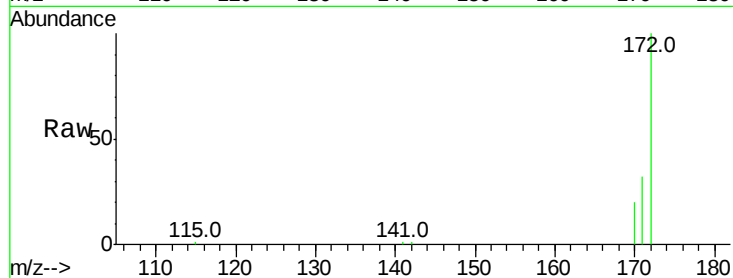




#15
2-Fluorobiphenyl
Concen: 0.39 ng
RT: 13.05 min Scan# 708
Delta R.T. 0.00 min
Lab File: BE091649.D
Acq: 12 Apr 2016 13:58

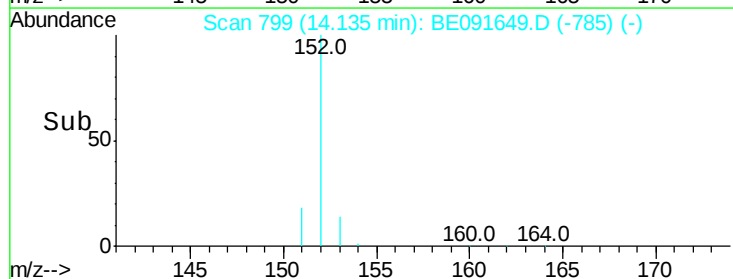
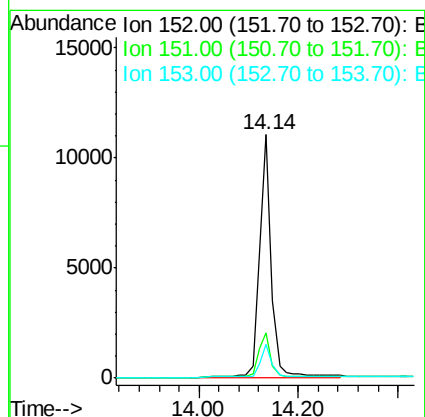
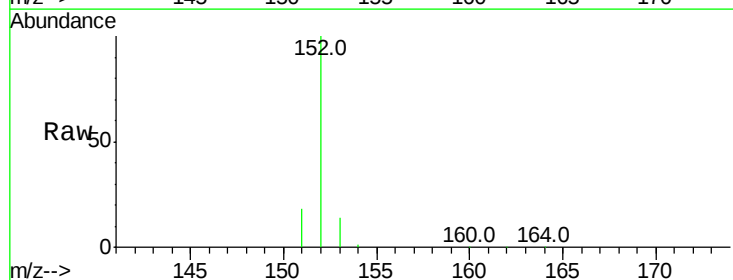
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

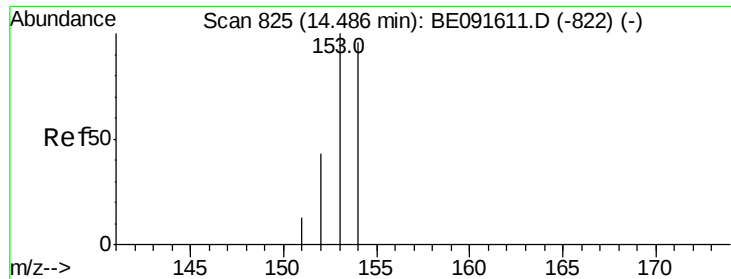
Tot Ion:172 Resp: 14987
Ion Ratio Lower Upper
172 100
171 32.4 28.8 43.2
170 20.3 19.3 28.9



#16
Acenaphthylene
Concen: 0.37 ng
RT: 14.14 min Scan# 799
Delta R.T. -0.00 min
Lab File: BE091649.D
Acq: 12 Apr 2016 13:58

Tgt Ion:152 Resp: 20001
Ion Ratio Lower Upper
152 100
151 22.6 3.9 5.9#
153 16.8 10.3 15.5#

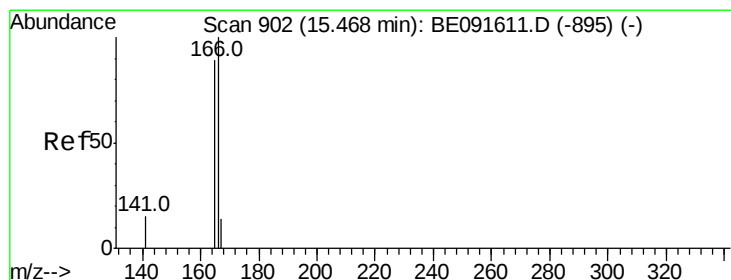
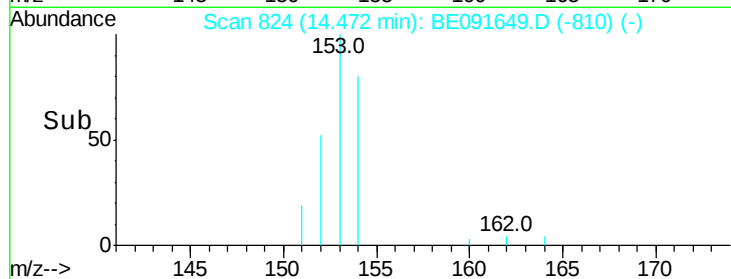
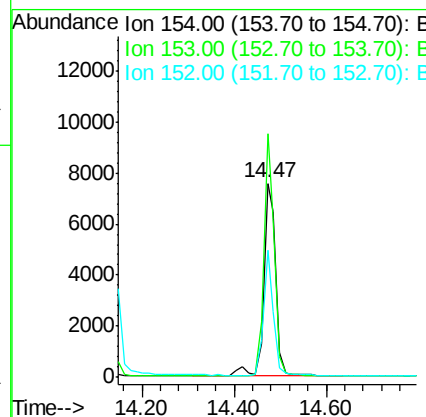
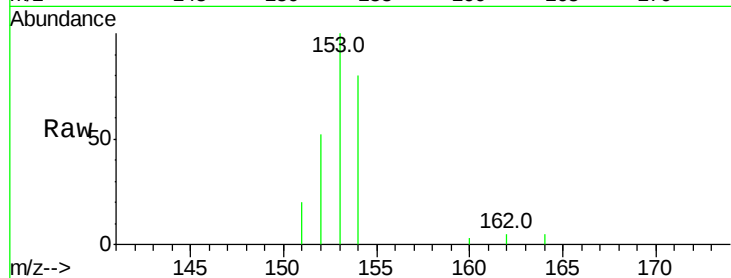




#17
Acenaphthene
Concen: 0.41 ng
RT: 14.47 min Scan# 824
Delta R.T. -0.01 min
Lab File: BE091649.D
Acq: 12 Apr 2016 13:58

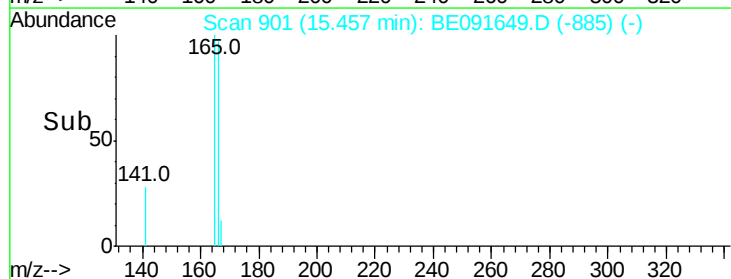
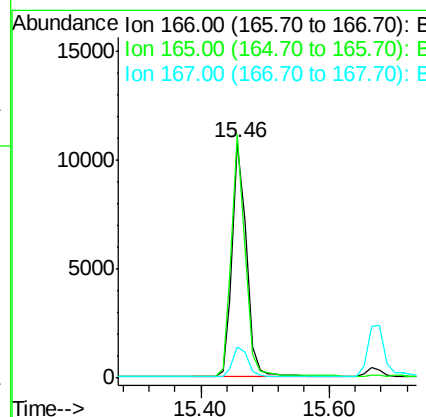
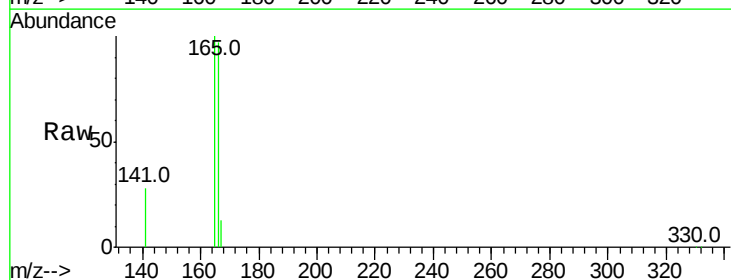
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

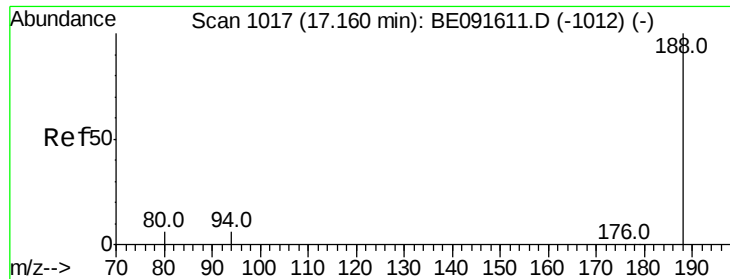
Tot Ion:154 Resp: 13950
Ion Ratio Lower Upper
154 100
153 109.1 80.0 120.0
152 54.2 40.0 60.0



#18
Fluorene
Concen: 0.39 ng
RT: 15.46 min Scan# 901
Delta R.T. -0.01 min
Lab File: BE091649.D
Acq: 12 Apr 2016 13:58

Tgt Ion:166 Resp: 16630
Ion Ratio Lower Upper
166 100
165 100.1 80.8 121.2
167 13.7 10.9 16.3

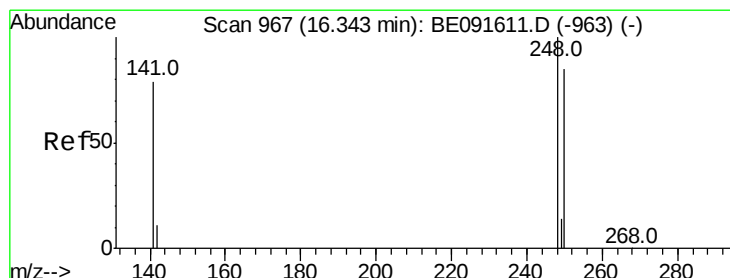
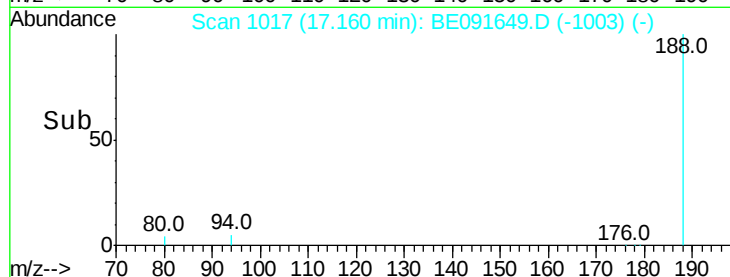
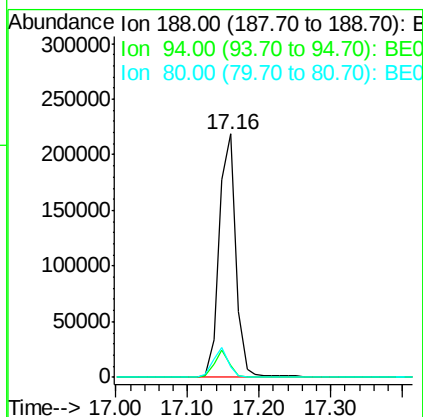
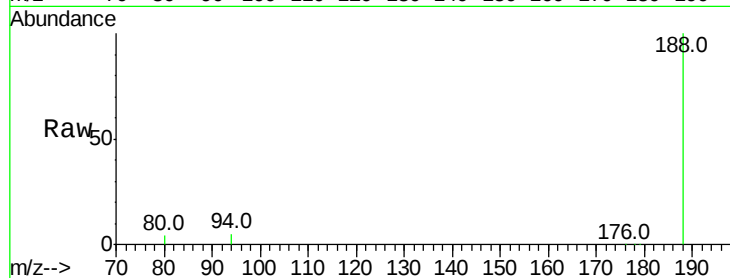




#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.16 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BE091649.D
Acq: 12 Apr 2016 13:58

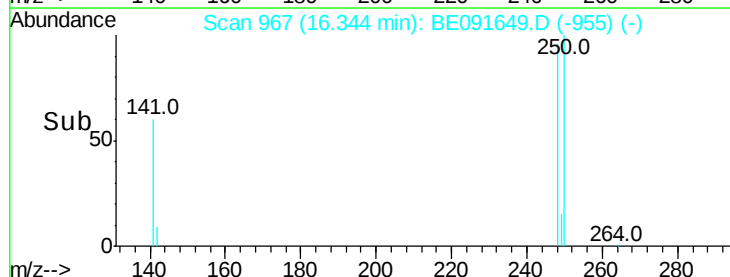
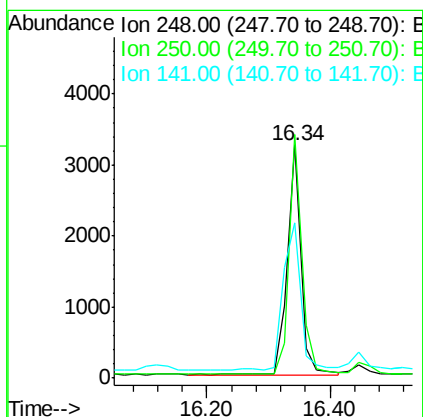
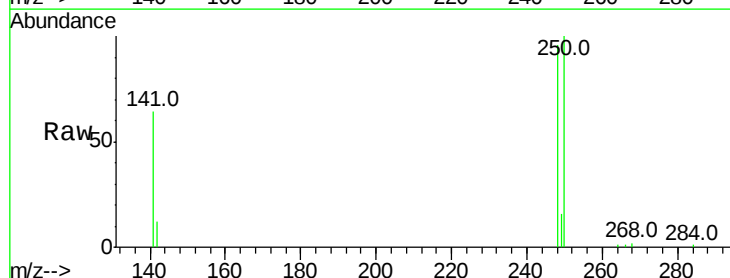
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

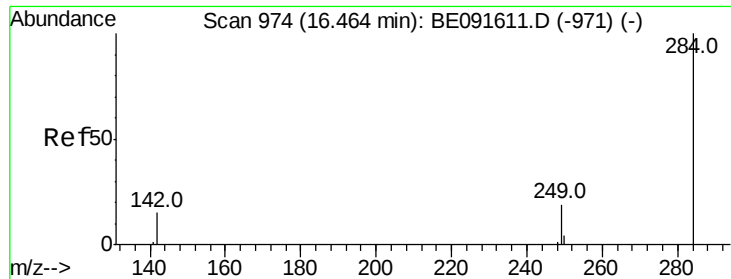
Tot Ion:188 Resp: 352934
Ion Ratio Lower Upper
188 100
94 4.9 8.7 13.1#
80 4.2 9.4 14.0#



#20
4-Bromophenyl-phenylether
Concen: 0.39 ng
RT: 16.34 min Scan# 967
Delta R.T. 0.00 min
Lab File: BE091649.D
Acq: 12 Apr 2016 13:58

Tgt Ion:248 Resp: 4916
Ion Ratio Lower Upper
248 100
250 98.5 80.5 120.7
141 83.9 72.0 108.0

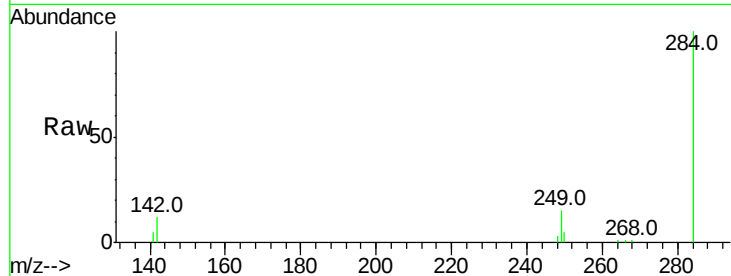




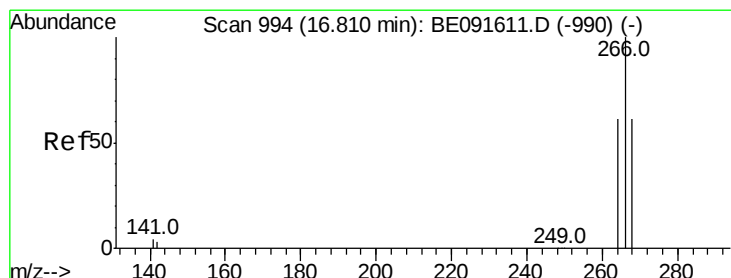
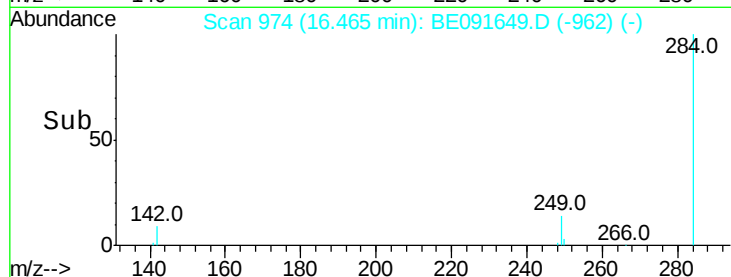
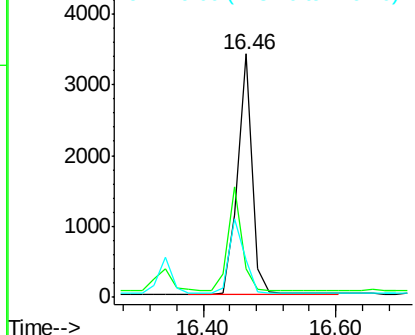
#21
Hexachlorobenzene
Concen: 0.40 ng
RT: 16.46 min Scan# 974
Delta R.T. 0.00 min
Lab File: BE091649.D
Acq: 12 Apr 2016 13:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:284 Resp: 5119
Ion Ratio Lower Upper
284 100
142 40.8 32.2 48.2
249 32.7 25.4 38.2

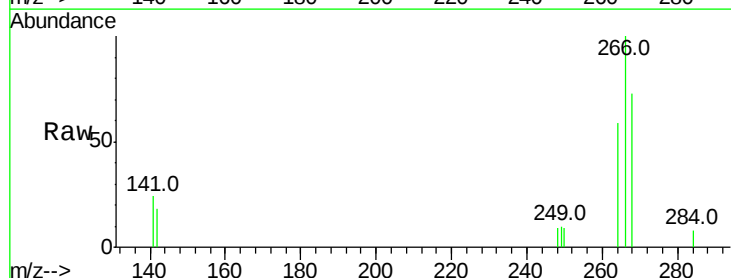


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

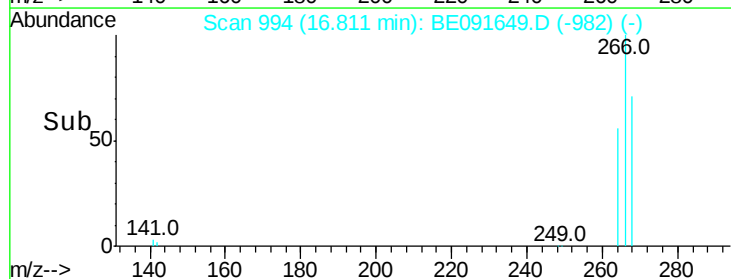
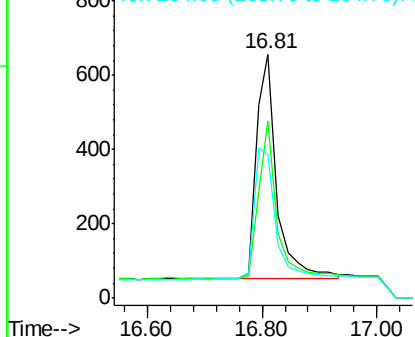


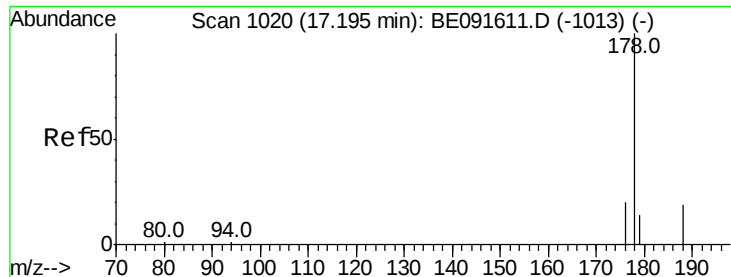
#22
Pentachlorophenol
Concen: 0.44 ng
RT: 16.81 min Scan# 994
Delta R.T. 0.00 min
Lab File: BE091649.D
Acq: 12 Apr 2016 13:58

Tgt Ion:266 Resp: 1510
Ion Ratio Lower Upper
266 100
268 72.9 58.2 87.2
264 59.1 56.2 84.4



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#23

Phenanthrene

Concen: 0.40 ng

RT: 17.19 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BE091649.D

Acq: 12 Apr 2016 13:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

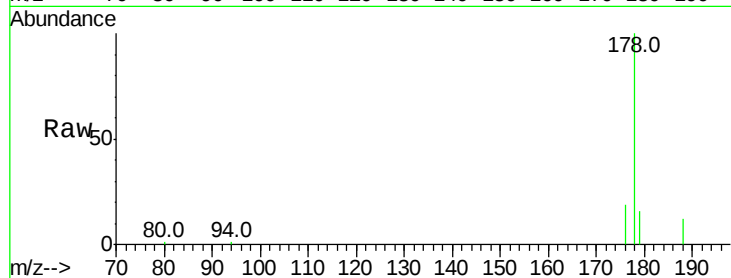
Tot Ion:178 Resp: 32294

Ion Ratio Lower Upper

178 100

176 19.3 15.3 22.9

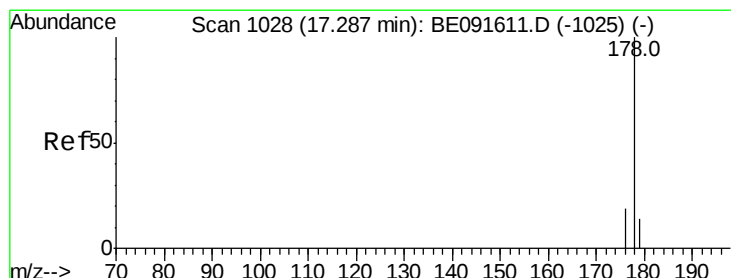
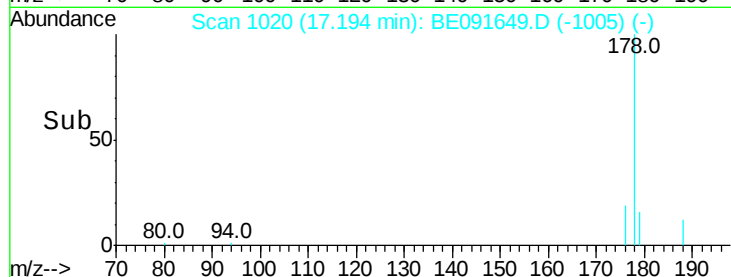
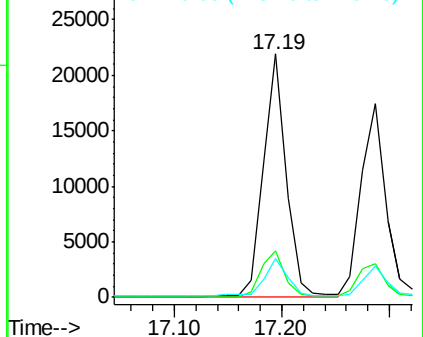
179 16.2 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.39 ng

RT: 17.29 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BE091649.D

Acq: 12 Apr 2016 13:58

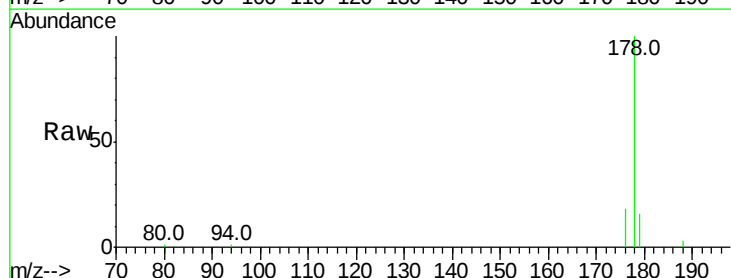
Tgt Ion:178 Resp: 28048

Ion Ratio Lower Upper

178 100

176 18.7 14.6 21.8

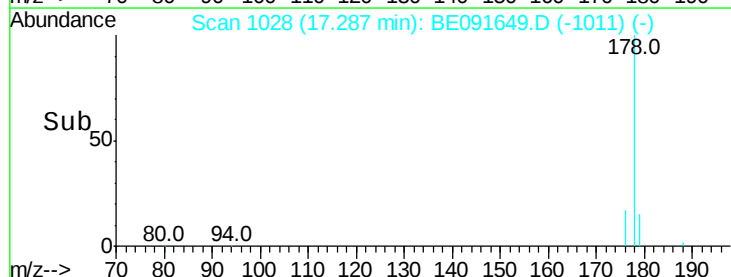
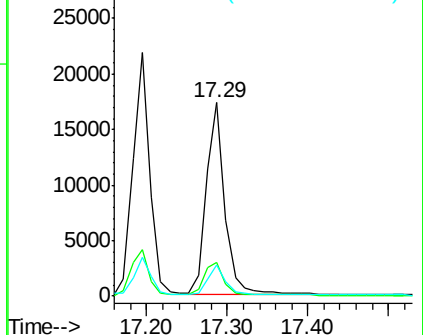
179 14.9 11.8 17.6

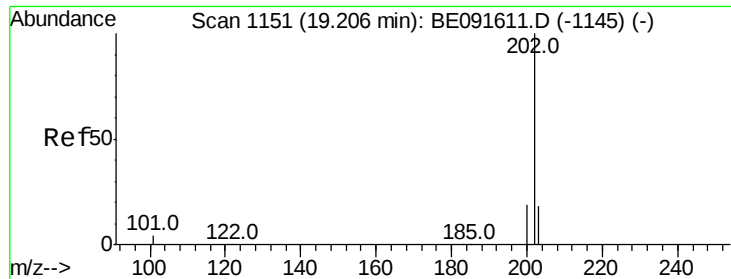


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene

Concen: 0.36 ng

RT: 19.21 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BE091649.D

Acq: 12 Apr 2016 13:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

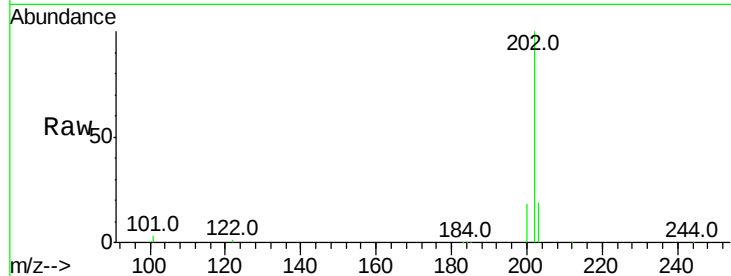
Tot Ion:202 Resp: 30821

Ion Ratio Lower Upper

202 100

101 11.6 11.0 16.6

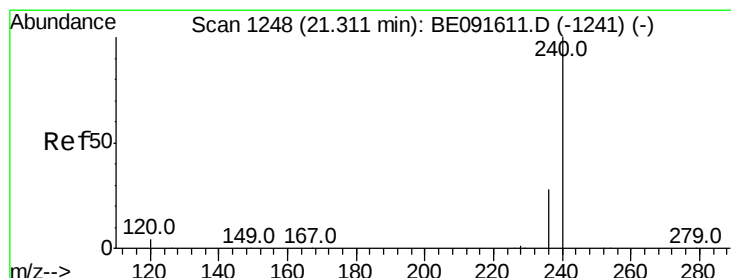
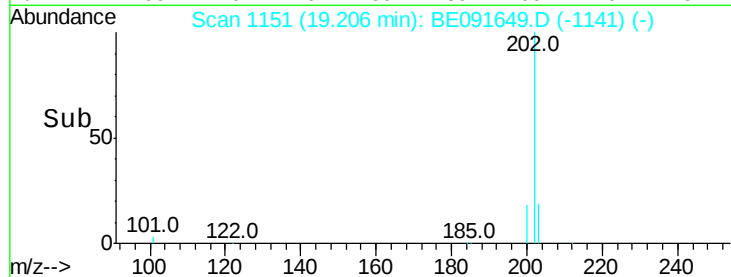
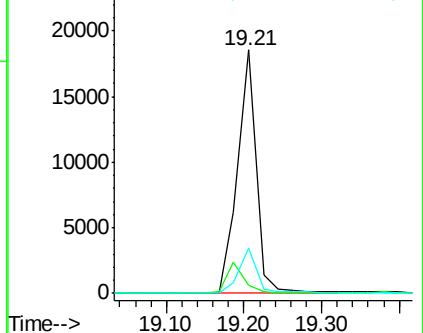
203 17.5 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#26

Chrysene-d12

Concen: 5.00 ng

RT: 21.31 min Scan# 1248

Delta R.T. 0.00 min

Lab File: BE091649.D

Acq: 12 Apr 2016 13:58

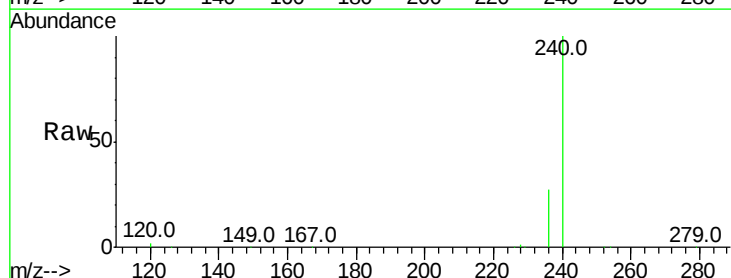
Tgt Ion:240 Resp: 436316

Ion Ratio Lower Upper

240 100

120 2.4 11.0 16.4#

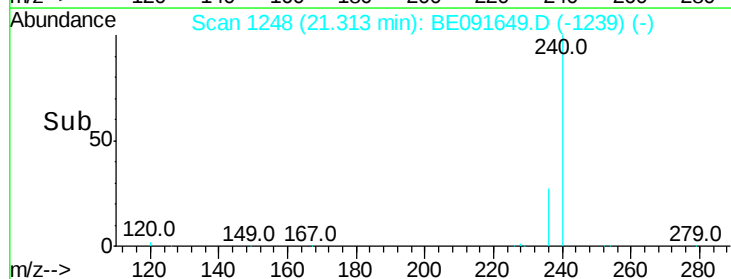
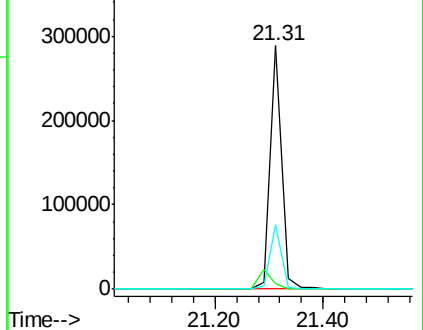
236 26.6 21.7 32.5

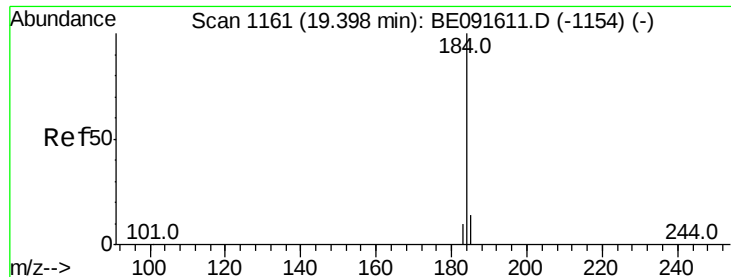


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 0.51 ng

RT: 19.38 min Scan# 1160

Delta R.T. -0.02 min

Lab File: BE091649.D

Acq: 12 Apr 2016 13:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

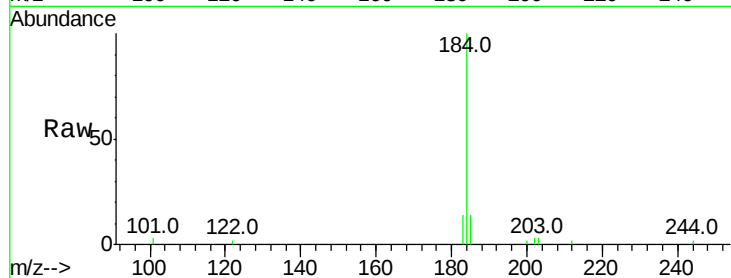
Tot Ion:184 Resp: 8167

Ion Ratio Lower Upper

184 100

185 14.4 22.3 33.5#

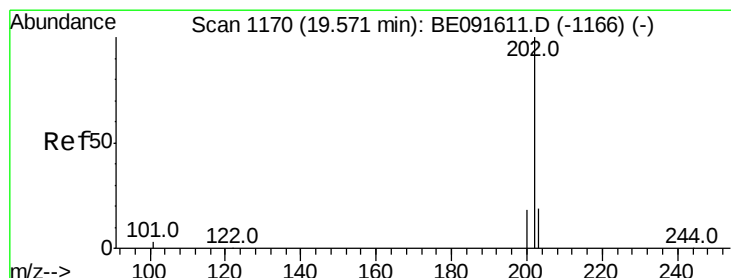
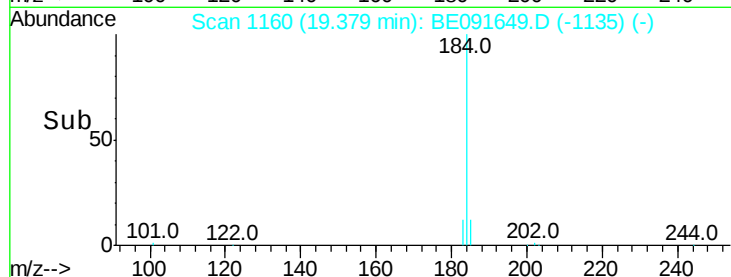
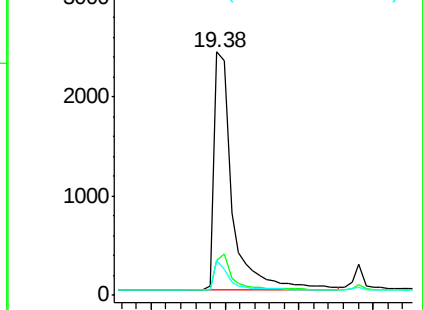
183 14.2 16.4 24.6#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#28

Pyrene

Concen: 0.37 ng

RT: 19.57 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BE091649.D

Acq: 12 Apr 2016 13:58

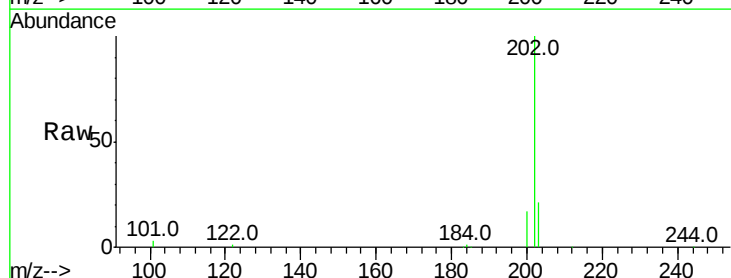
Tgt Ion:202 Resp: 32039

Ion Ratio Lower Upper

202 100

200 20.9 16.8 25.2

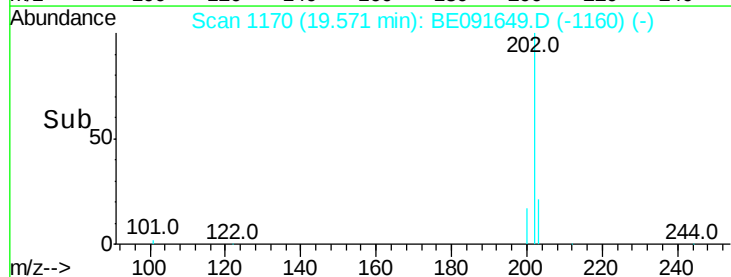
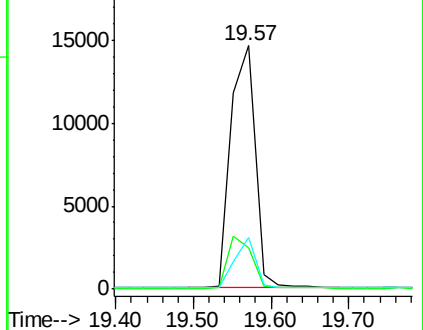
203 17.6 14.0 21.0

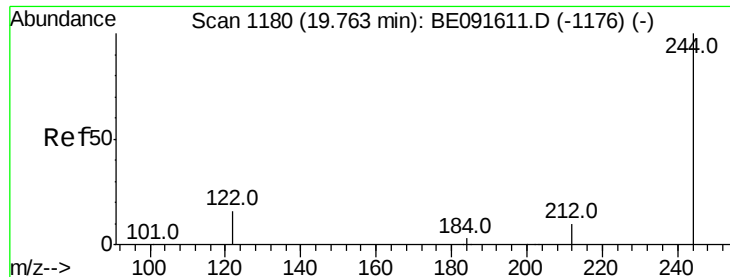


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.40 ng

RT: 19.76 min Scan# 1180

Delta R.T. 0.00 min

Lab File: BE091649.D

Acq: 12 Apr 2016 13:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

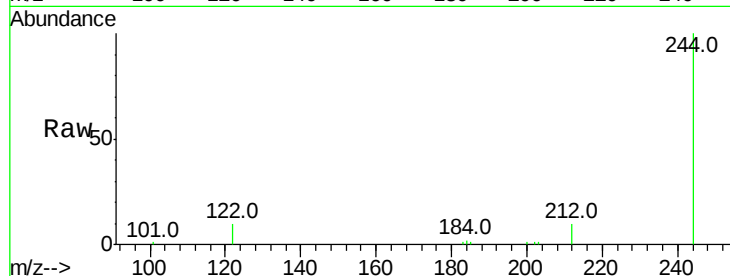
Tot Ion:244 Resp: 21613

Ion Ratio Lower Upper

244 100

212 9.5 6.9 10.3

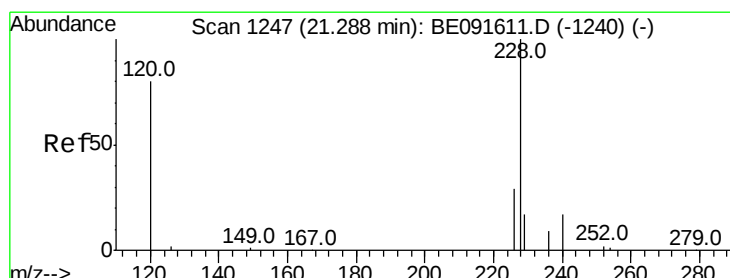
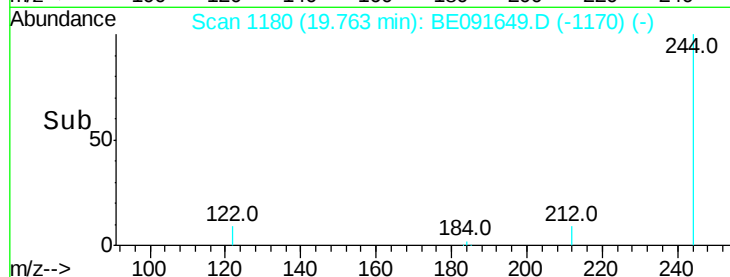
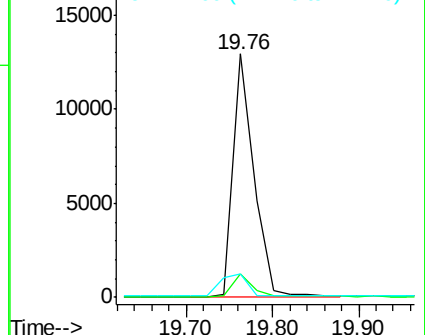
122 9.6 11.0 16.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.39 ng m

RT: 21.29 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BE091649.D

Acq: 12 Apr 2016 13:58

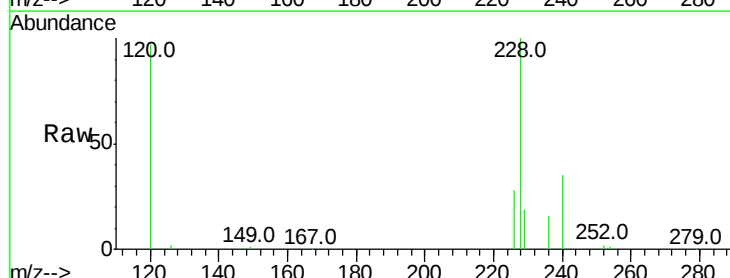
Tgt Ion:228 Resp: 37912

Ion Ratio Lower Upper

228 100

226 27.5 21.0 31.4

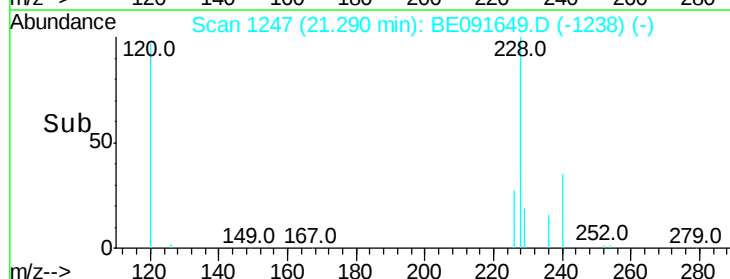
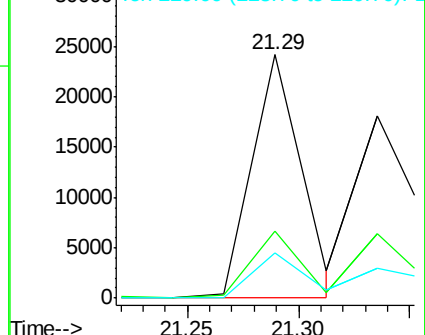
229 18.7 15.7 23.5

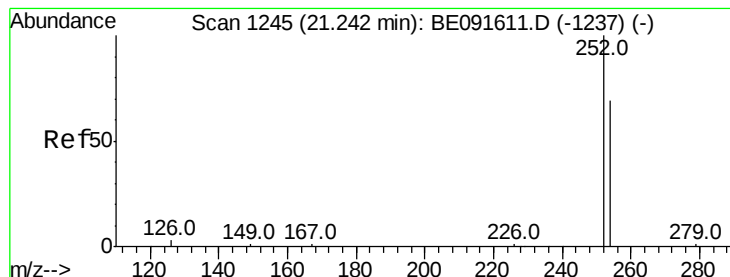


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

3,3'-Dichlorobenzidine

Concen: 0.36 ng

RT: 21.24 min Scan# 1245

Delta R.T. 0.00 min

Lab File: BE091649.D

Acq: 12 Apr 2016 13:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

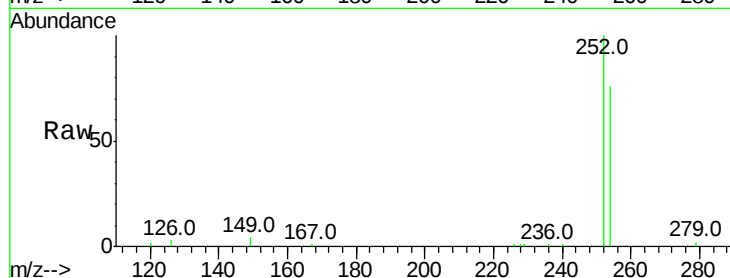
Tot Ion:252 Resp: 14535

Ion Ratio Lower Upper

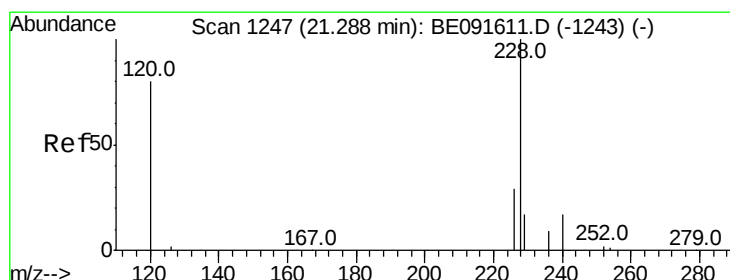
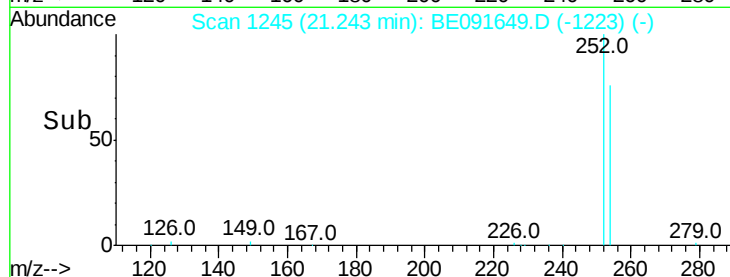
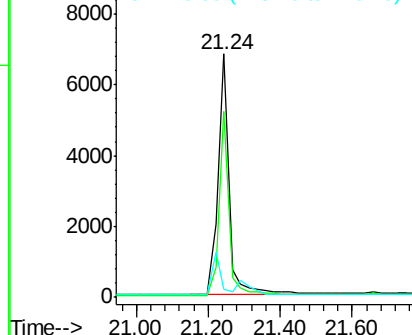
252 100

254 76.4 51.1 76.7

126 3.2 12.6 18.8#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



#32

Chrysene

Concen: 0.41 ng m

RT: 21.34 min Scan# 1249

Delta R.T. -0.02 min

Lab File: BE091649.D

Acq: 12 Apr 2016 13:58

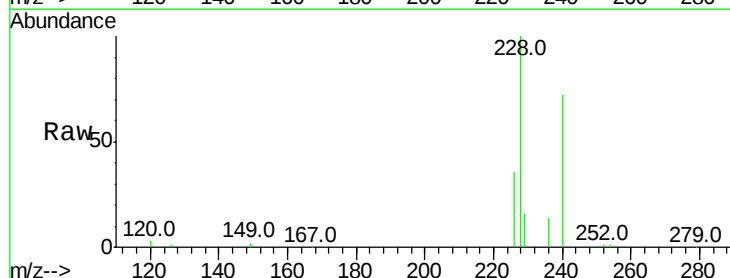
Tgt Ion:228 Resp: 36212

Ion Ratio Lower Upper

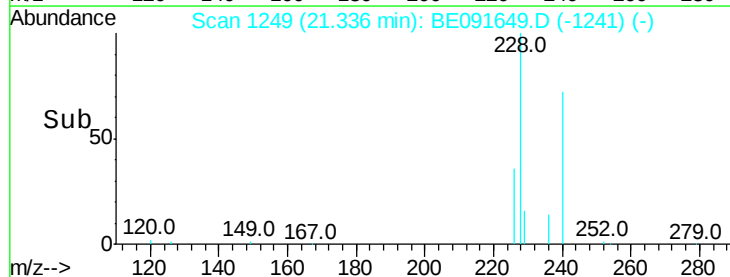
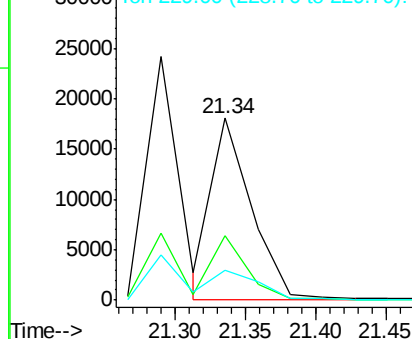
228 100

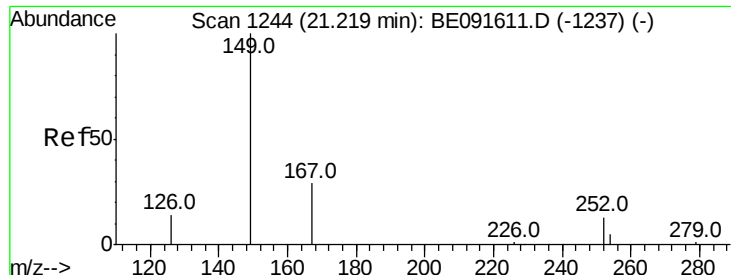
226 35.7 24.0 36.0

229 16.5 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

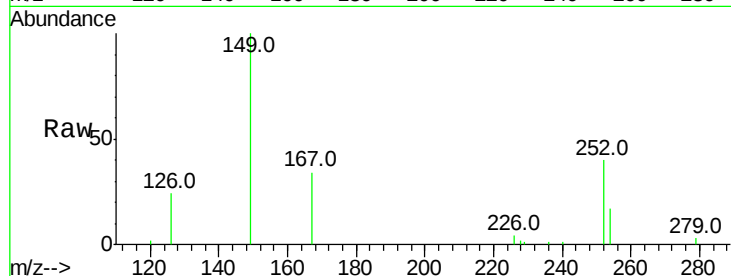




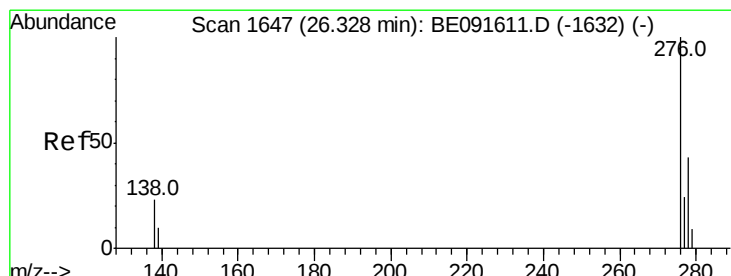
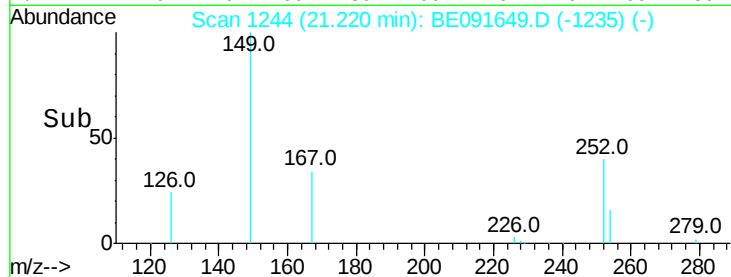
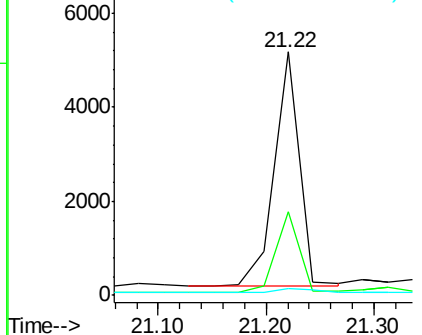
#33
 Bis(2-ethylhexyl)phthalate
 Concen: 0.37 ng
 RT: 21.22 min Scan# 1244
 Delta R.T. 0.00 min
 Lab File: BE091649.D
 Acq: 12 Apr 2016 13:58

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tot Ion:149 Resp: 8086
 Ion Ratio Lower Upper
 149 100
 167 31.6 19.5 29.3#
 279 2.8 10.0 15.0#

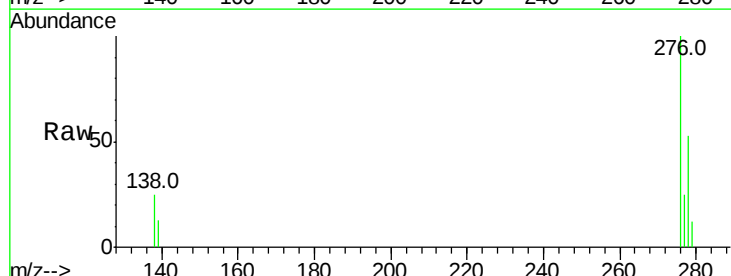


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

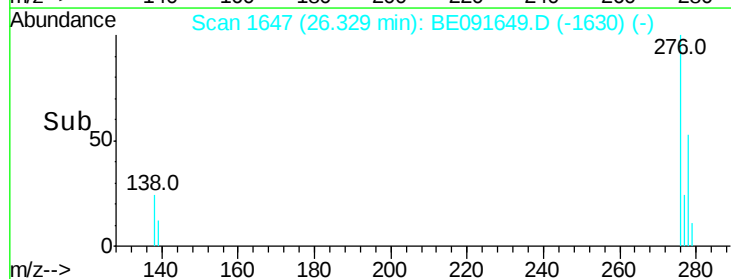
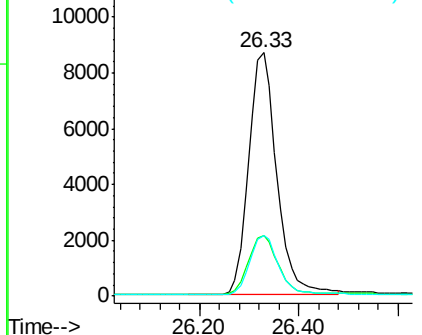


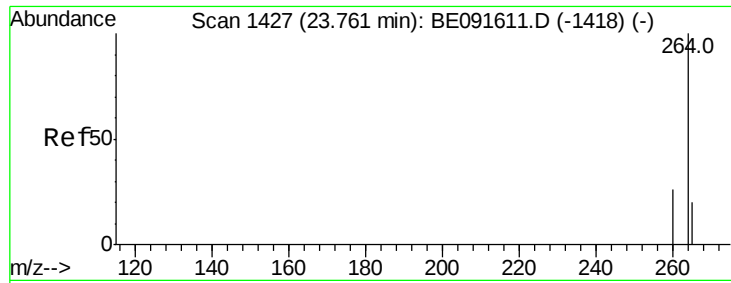
#34
 Indeno(1,2,3-cd)pyrene
 Concen: 0.35 ng
 RT: 26.33 min Scan# 1647
 Delta R.T. 0.00 min
 Lab File: BE091649.D
 Acq: 12 Apr 2016 13:58

Tgt Ion:276 Resp: 34615
 Ion Ratio Lower Upper
 276 100
 138 25.8 23.4 35.2
 277 24.9 19.8 29.8



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

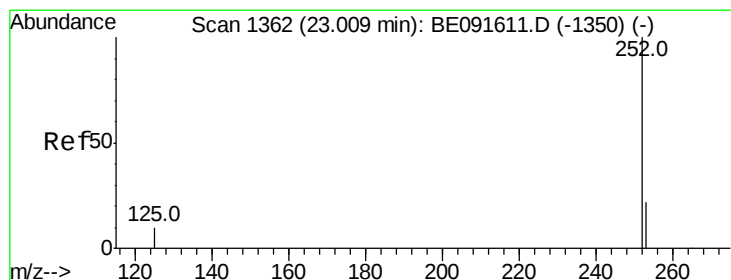
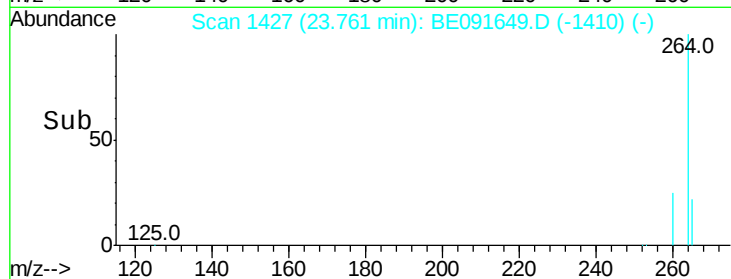
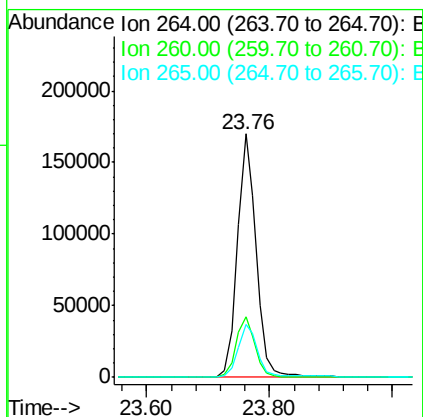
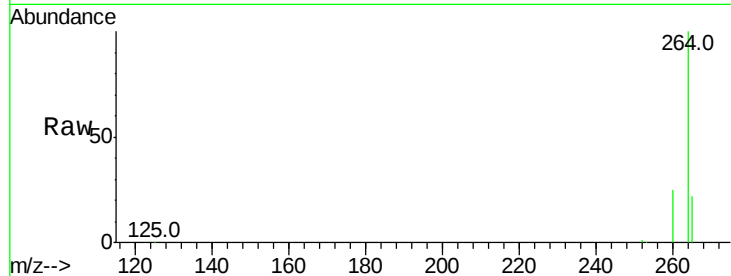




#35
 Pervlene-d12
 Concen: 5.00 ng
 RT: 23.76 min Scan# 1427
 Delta R.T. 0.00 min
 Lab File: BE091649.D
 Acq: 12 Apr 2016 13:58

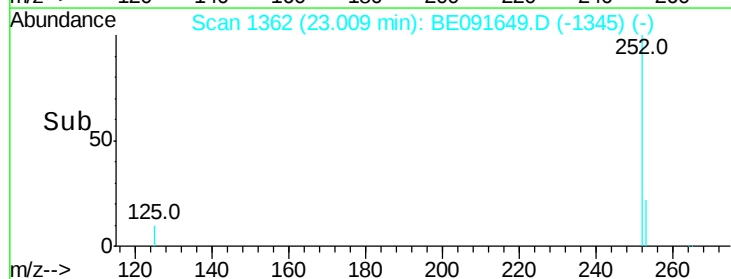
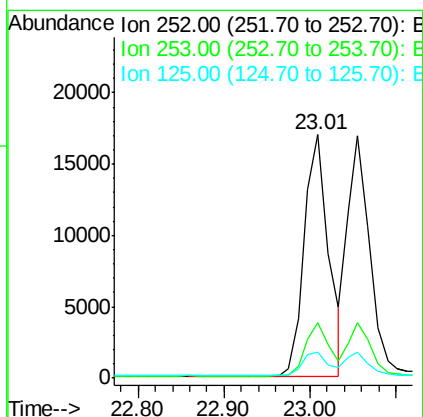
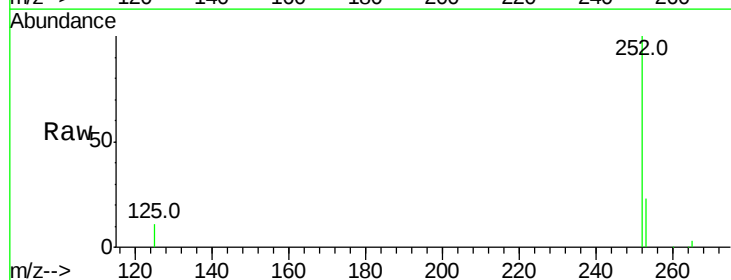
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

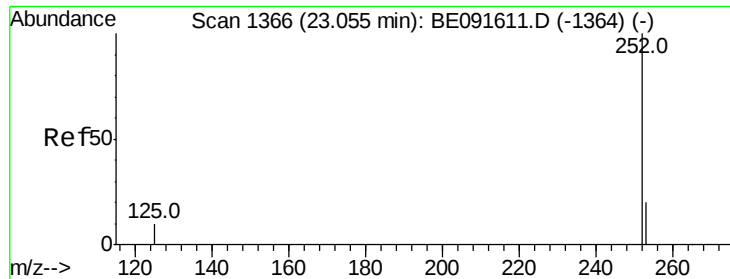
Tot Ion:264 Resp: 361673
 Ion Ratio Lower Upper
 264 100
 260 24.9 20.0 30.0
 265 21.8 17.5 26.3



#36
 Benzo(b)fluoranthene
 Concen: 0.40 ng
 RT: 23.01 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: BE091649.D
 Acq: 12 Apr 2016 13:58

Tgt Ion:252 Resp: 33399
 Ion Ratio Lower Upper
 252 100
 253 23.0 17.4 26.0
 125 10.5 10.2 15.2

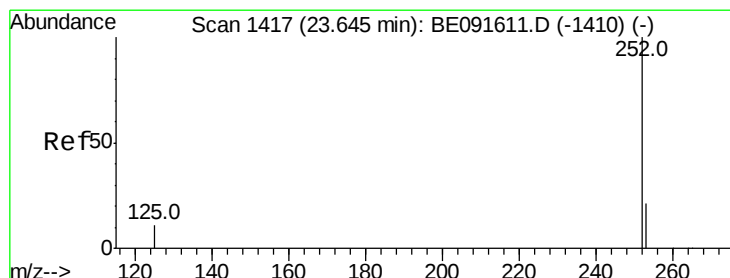
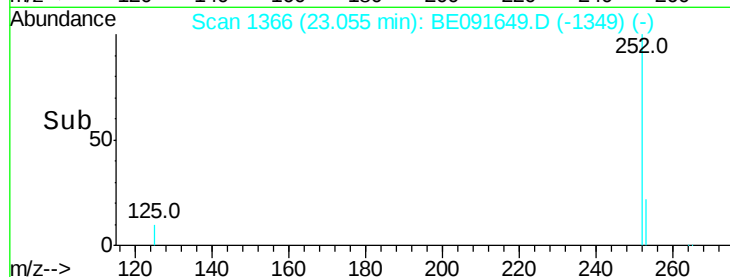
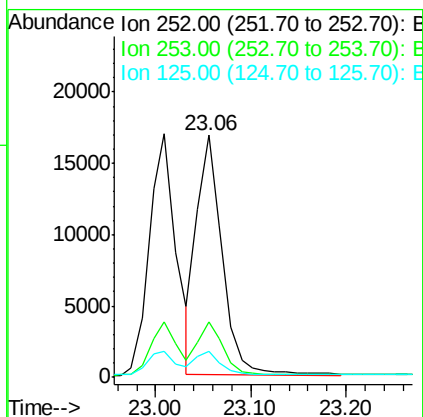
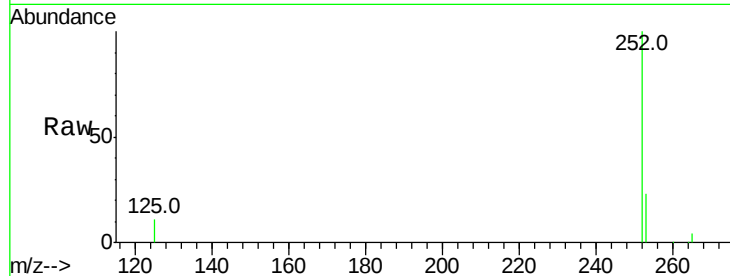




#37
Benzo(k)fluoranthene
Concen: 0.38 ng
RT: 23.06 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BE091649.D
Acq: 12 Apr 2016 13:58

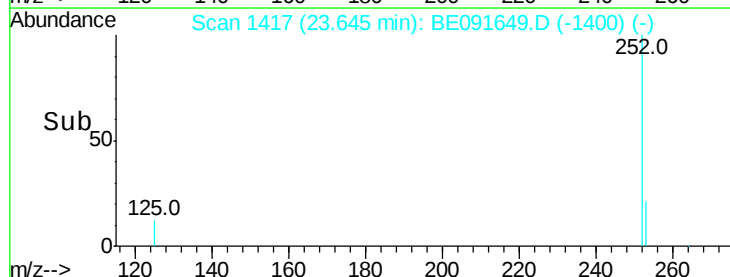
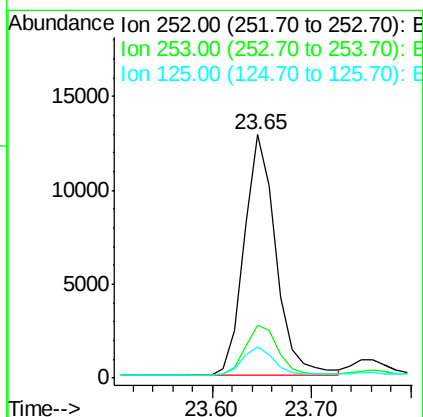
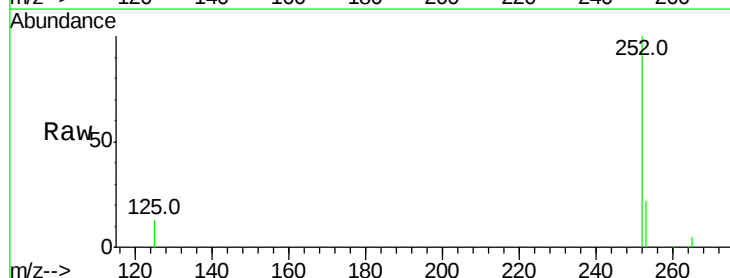
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

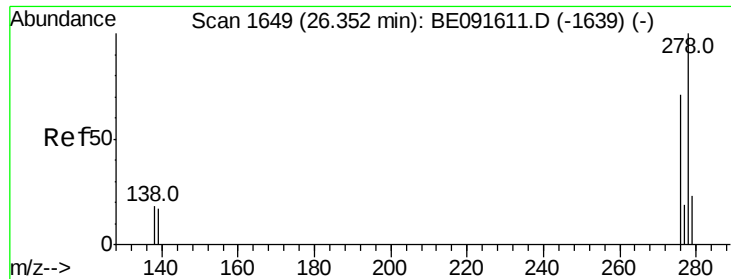
Tot Ion:252 Resp: 31536
Ion Ratio Lower Upper
252 100
253 22.7 17.6 26.4
125 10.7 9.9 14.9



#38
Benzo(a)pyrene
Concen: 0.36 ng
RT: 23.65 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BE091649.D
Acq: 12 Apr 2016 13:58

Tgt Ion:252 Resp: 28332
Ion Ratio Lower Upper
252 100
253 22.0 18.1 27.1
125 12.9 11.0 16.4





#39

Dibenzo(a,h)anthracene

Concen: 0.38 ng

RT: 26.35 min Scan# 1649

Delta R.T. 0.00 min

Lab File: BE091649.D

Acq: 12 Apr 2016 13:58

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

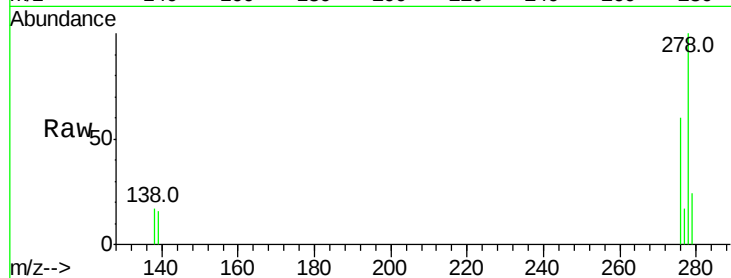
Tot Ion:278 Resp: 29007

Ion Ratio Lower Upper

278 100

139 16.1 16.0 24.0

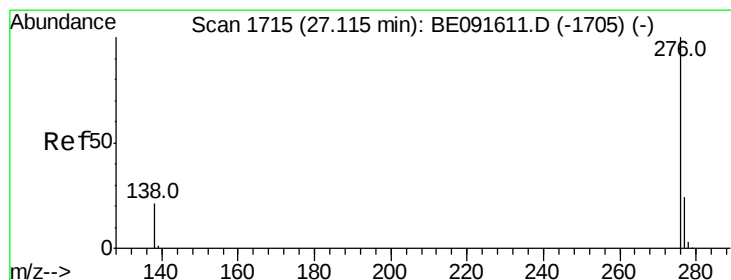
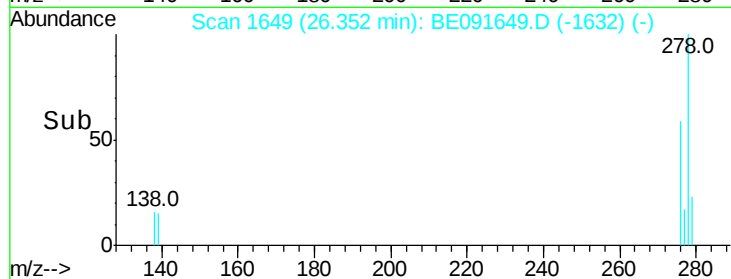
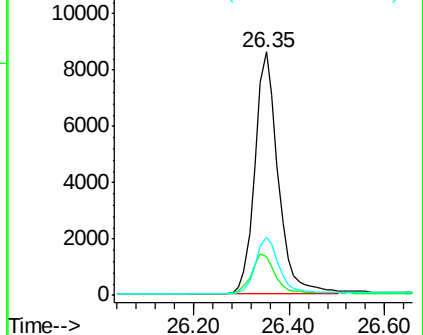
279 23.8 19.4 29.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#40

Benzo(g,h,i)perylene

Concen: 0.37 ng

RT: 27.12 min Scan# 1715

Delta R.T. 0.00 min

Lab File: BE091649.D

Acq: 12 Apr 2016 13:58

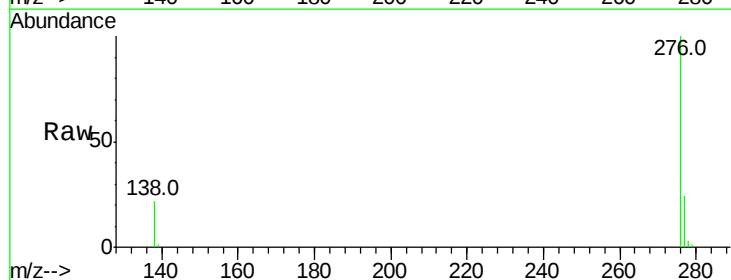
Tgt Ion:276 Resp: 29078

Ion Ratio Lower Upper

276 100

277 24.4 18.6 28.0

138 22.0 20.4 30.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

